je Klining Immal,

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

LONDON, SATURDAY, NOVEMBER 27, 1869.

No. 1788.—Vol. XXXIX.

MR. JAMES CROFTS, STOCK AND SHAREBROKER,
No. 1, FINOH LANE, CORNHILL.

(Established 1842.)

Mr. Groftstransacts business in the way of Puddhase or Sale of every description of stocks, but particularly British Mines, at net prices. All orders with the utmost punctuality, and advice given as to the nature and eligitary. If it is not shown to see the price of the same through Mr. Crofts' agency. Also parties requiring advice how to act in the disposal or abandonment of doubtful mining stocks may profitably avail of Mr. Grofts' long experience on the market in all cases of doubt or difficulty, legal or otherwise.

[Great Royalton,—The purchase of these shares is strongly recommended for a great rise.

r a great rise. Virtuous Lady.—Special business either as Buyer or seller.

R. WILLIAM WARD, 95, BISHOPSGATE STREET WITHIN, LONDON, E.C.

MR. THOMAS SPARGO, STOCK AND SHAREDEALER, 224 AND 225, GRESHAM HOUSE. OLD BROAD STREET, LONDON, E.C.

JOHN RISLEY, (SWORN) STOCK AND SHAREBROKER, 48, THREADNEEDLE STREET, LONDON, E.C. Bankers: London and Westminster, Lothbury.

MR. Y. CHRISTIAN, STOCK AND SHAREDEALER,
11, ROYAL EXCHANGE, E.O,
Bankers: Bank of England.

M R. T. A. MUNDY, STOCK AND SHAREDEALER, 38, BISHOPSGATE STREET WITHIN, E.C. Bankers: City Bank.

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MR. C. A. POWELL, BRITISH AND FOREIGN STOCK AND SHAREDEALER, No. 1, PINNER'S COURT, OLD BROAD STREET, BUYER or SELLER of every description of negociable securities at current market prices net.

arket prices net.

Special facilities for transacting business in the shares of mines more proninently before the public.

Anyone wishing to know what to do in CALDBECK FELLS shares can be adised by me.

Bankers: City Bank, Fluch-lane.

Name of the control o

SILK AND CO., HOME AND COLONIAL AGENCY,

32, REGENT STREET, PICCADILLY CIRCUS, W., and 36, MARK LANE,
(No. 75), E.O., have BUSINESS in the following shares:

Australian United.
Brynpostig.
Bronfloyd.
Caldbeck Fells.
Chiverton Moor.
Cornwall Hematite.
Don Pedro.
Don Pedro.
Drake Walls.
Drake Walls.
East Careadun.
Fanke Valley.
Marke Valley.
North Crofty.
Fank Careadun.
FRANK LAME, AGENCY,
AGENCY,
FRANK CARLEY

BRANK ISBRIANG.

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BRANCHIER

BRANCH ALE

BRANCH AND

Rosewall Hill and
Ransom.

n. South Condurrow.
Tamar Valley.
West Caradon.
West Seton.
FRANK LIMMER, Secretary.

WALTER TREGELLAS, 122, BISHOPSGATE STREET WITHIN, LONDON, E.C., DEALS in all descriptions of ENGLISH and FOREIGN SECURITIES, either for immediate cash or the fortnightly stlement. W. T. is always prepared to do business in the shares of the Brazilian Gold lines, which, from long experience, he is well acquainted with. Taquaril shares are a first-class investment.

MR. E. J. BARTLETT, STOCK AND SHAREDEALER, No. 30, GREAT ST. HELEN'S, LONDON, E.C.
Specially recommends shareholders to persue the Third Edition of his pamphlet, entitled "How to Invest, and What to Select." Now ready.

P VER or SELLER of shares in South Merllyn, East Lovell, Hammett, Nantis, "rank Mills, Bronfloyd, and East Seton."

| R. | WILLIAM MARLBOROUGH, 1, GREAT ST. HELEN'S, BISHOPSGATE STREET, LONDON, E.C. (Established 15 years), has FOR SALE the FOLLOWING SHARES, at net prices:—
50 Anglo-Brazil., 8s. 9d. 20 ft. No. Laxey, 17s. 30 So. Condurrow, 29s. 30 Australian United, 25 Gt. Retallack, 12s. 3d. 5 Grent Vor. £18's, 5 Great Vor. £18's, 5 Great

28 Chontales, 15s. 9d. 10 Chivron, £3 6s. 3d. 5 Hammett. 40 Wheal Crebor, 12s. 3d 10 Chiv. Moor, £3 16s 9d. 10 Marke Valley, £7. 25 Caldbeck Fells, 35s 6d. 20 North Crebt, 35s. 3d. 40 Drake Walls, 19s. 26 New Lovell, 28s. 9d. 20 North Crebt, 38s. 6d. 20 North Crebt, 28s. 3d. 20 North Crebt, 28s.

upon application.
WANTED TO PURCHASE—HAMMETT shares. State number and lowest

M. GEORGE BUDGE, STOCK AND SHAREDEALER,
No. 4, ROYAL EXCHANGE BUILDINGS, LONDON, E.C. (Established
20 years), is a SELLER at net prices of:—
2 Minera, £170; 45 Bwich Consols; 1 Devon Great Consols, £140; 10 Van, £39;
1 South Caradon, £342½; 10 K-beal Agar, 26s, 3d.; 70 Wheal Crebor, 12s, 9d.;
80 Redmoor; 50 Buddick Consols; 5 Great Wheal Vor; 75 East New Wheal
Lovell; 20 East Rosewarno, 2s.; 2 West Frances, £40; 10 Wheal Kitty (St.
Agnes); 30 Hoimbush and Kelly Bray, 3d. 18s. 2d.; 100 Anglo-Brazilian, 9s. 9d.;
200 Sao Vicente, 2s. prem.; 50 Yudanamutan, £1 8s. 9d.
Mr. BUDGE can recommend the purchase of shares in a progressive mine,
making profits and fast approaching a dividend state, and strongly advises the
purchase of the shares at their present nominal price.

THE PACIFIC MINING COMPANY.—
MB. PETER WATSON is a BUYER or SELLER of shares in this company at close market price.—79, Old Broad-street.

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Published every evening at 5 o'clock. Forwarded by same night's mail to subscribers. Entered at Stationers' Hall, July, 1866.

Contains the latest closing prices of any share-list published; showing the rise and fall in railways, banks, foreign stocks, colonial securities, American securities, foreign railways; telegraphic, insurance, steam—ship, and miscellaneous shares; Cornish and Welsh mines, foreign gold mines, &c.

With remarks on the daily operations, and advice as to purchases or sales.

Annual subscription, £11s.; by post, £22s.; monthly subscription by post, £2s.; single copy, 1d.; by post, 2d.
Published by P. WATSON. Stock and Sharedealer, 79, Old Broad-street London, E.C.

ORNISH AND FOREIGN MINES—
TO SHAREHOLDERS AND OTHERS.
PETER WATSON'S'' WEEKLY MINING CIRCULAR AND SHARE LIST—
SYNOPSIS OF CORNISH AND DEVON MINES." of Friday, Nov. 26. No. 560,
V.I. XI., price 6d. each copy, forwarded on application, contains information on the following mines:—

Reset Loyell.

New Loyell.

East Wheal Seton.

East Lovell.
Great Rock.
Great Western.
West Caradon.
Caldbeck Fells.

New Lovell.
Mineral Bottom.
Don Pedro.
North Wheal Crofty.
Wheal Jane.
North Treskerby.

East Wheal Seton. Chiverton. Bwich Consols. East New Lovell. St. Ives Consols. Pacific Mining Co.

INVESTMENT OR SPECULATION.—A SELECTED LIST OF RAILWAYS, BANKS, MINES, COLONIAL SECURITIES, FOREIGN GOVERNMENT BONDS, &c., forwarded to bona fide investors on application, in addition to the high rate of interest many of the above are paying, there is now every probability of a great rise in market value.

PRINE WARSON STOCK AND SHAPEDEALER

PETER WATSON, STOCK AND SHAREDEALER,
79, OLD BROAD STREET, LONDON
(threedoorsonly from Hereules-passage, entrance to the Stock Exchange).
Twenty-four years' experience.
(Two in Cornwall and Twenty-two in London.)
Bankers: The Alliance Bank, and the Union Bank of London.
Beferences given and required (when necessary) in all the principal towns of the United Kingdom.

M. R. E. D. W. A. R. D. C. O. O. K. E.,
STOCK AND MINING SHAREDEALER, 76, OLD BROAD STREET
(and Mining Exchange), LONDON, E.C.
TO SHAREHOLDERS AND OTHERS INTERESTED IN CALDBECK FELLS MINE.—
E. C., having, at a considerable expense, had the above mine inspected by a late agent of the Duke of Devonshire, is prepared to forward a copy of the report on application, accompanied with a remittance of 10s. 6d.
E. C. is a BUYER of any number of Caldbeck Fells shares at market price.

Bankers: Alliance Bank.

W . H . C U No. 42, CORNHILL, LONDON, E.C. MATTHEW GREENE, STOCK AND SHAREDEAL
14, PINNER'S HALL, OLD BROAD STREET, LONDON, E.C.
MATTHEW GREENE is always in a position to buy or sell mining shares
very best terms, either for cash or the regular fortnightly Stock Exe
settlements. STOCK AND SHAREDEALER,

settlements.

The practice of advertising shares for sale at fixed prices being highly prejudicial to the interest of both buyer and seller, and prohibited by the Stock Exchange, is not adopted; but M. G. has always buyers and sellers of all shares dealt in on the London markets.

The following are specially recommended as good to buy at present prices:—Van Consols, New Clifford, and Tamar Valley.

Office hours, 10 to 4.

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Established Twelve Years-Twenty-four Years' Experience.

Established Twelve Years—Twenty-four Years' Experience.

MR. F. W. MANSELL, STOK AND SHAREDEALER,
1, PINNER'S COURT, OLD ...JAD STREET, LONDON, E.C. has
the following SHARES FOR SA ..., for eash or account, at net prices:—
100 Anglo-Argent., 3s. 9d. 340 Kapunda, 17s 6d dis.
50 Endford Consols. 50 Marke Valley, £7.
50 Endford Consols. 50 Marke Valley, £7.
50 Caldeck Fells, 34s. 1 New Seton, £40.
15 Cape Cop., £10¼ pm. 35 New Lovell, £2.
15 Drake Walls, 18s. 9d. 50 North Treskerby, 14s.
15 Drake Walls, 18s. 9d. 50 No. Crofty, £1 16s. 3d.
15 East Basset, 15s. 30 North Roskear, £7¼.
25 East Caradon, £9¼. 1 Perran Wh. Vyvyan
10 East Lovell, £22. (£40 paid), £60.
150 Feat Lovell, £22. (£40 paid), £60.
150 Great Lovel, £29%. 10 Redmoor, 12s. 6d. 10 Prince of Walles, 23s 9d.
160 Great Vor, £12%. 200 Rossa Grande, £1 pd.
160 Great Laxey, £19¾. 10 Redmoor, 12s. 6d. 10 Great Vor, £12%. 200 Rossa Grande, £1 pd.
160 Great Retallack (offer wanted.) 10 Hingston Down, 21s 3 15 So Vicente, 1s 3d pm. 10 Great Nor, £12%. 200 Rossa Grande, £1 pd.
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160 Great Nor, £12%. 200 Rossa Grande

Cornwait and Devon, should be consulted as the state of the shares.

F. W. M. advises great caution being used before entering into schemes brought out at great premiums—many are worthless, and others far too high in price.

At a cost of a few pounds mines may be privately inspected, and reliable information obtained, thus frequently saving heavy loss. Agents of the highest respectability and experience recommended by Mr. M.

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Messrs. BARTLETT and CHAPMAN invite attention to the shares in this
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lode, in Denbighshire, the west run of which returned profits exceeding
£1,000,000, and the large horizontal deposit of lead or "flat," which has
given enormous profits to four or five mines in the vicinity of Lianarmon,
and which in that mine will be reached in 10 or 12 fms. further sinking.
The capital is divided into 10,000 shares of £2 each, fully paid up, so that no
further liability will be incurred beyond the nominal value of the shares.
Samples of the ore (which are very rich), as also plans, can be seen at the
office, 88, Cornhill, E.C., where prospectuses and forms of application may be
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naving a market value.

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M.R. ALFRED THOMAS is at PRESENT on a TOUR of INSPECTION in WALES, and will INSPECT and REPORT on any MINE in the MONTGOMERY OF CARDIGAN DISTRICTS.
Orders, addressed to Nantees Mines, near Aberystwith, or to 3, Great St. Heien's, London, will receive attention.

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MR. J. B. REYNOLDS, 70, BISHOPSGATE STREET WITHIN, LONDON, E.C.,

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Every class of marketable stock dealt in for cash or account. SPECIAL BUSINESS in Aberdaunant, Van, and other Welch mines.
Investors are recommended to act cautiously, and to consult Messrs. Endean, HOOKE, and Co. Consultation fee, £1 is.
WANTED TO PURCHASE—Aberdaunant shares. State number and lowest

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An OFFER WANTED for 50 Tamar Valley.

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Business operations in Mining Shares effected at close market rates.
Reliable information afforded upon most of the Welsh lead mines.
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10 No. Wh. Crofty, £14.
10 No. Wh. Crofty, £14.
10 No. Wh. Crofty, £14.
10 Narke Valley, £7 28.6
10 Caldbeck Fells, 35s.
20 Prince of Wales, 25s.
10 Caldbeck Fells, 35s.
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In addition to the rich lead ore, which has lately been sold at £24 a ton, there exists in the capels of the lode a large amount of srue silver ore, which in its undressed state is worth £28 per ton.

Samples of the ore can be seen and prospectuses obtained at the above offices. NANTEOS CONSOLS,—£1 shares, fully paid up, and 10 per cent. dividend guaranteed during 1870 for one-half over that sum. The propects of this property are unusually good. An immediate investment, therefore, is confidently recommended.

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The mine is divided into 1000 shares only.

A GOOD INVESTMENT.

OR SALE,—ONE HUNDRED AND FIFTY SHARES (or any part) in the VAN CONSOLS LEAD MINE, £2 10s. fully paid, at 1.5s. 6d, per share. This mine adjoins the Great Van Mine, and has a lance of £8000 in hand. Address, by letter, "Baryta," 18, Sultan-road, Camberwell, London.

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Money advanced on mining shares for account, or a longer period if desired.
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Obtained the PRIZE MEDALS at the "ROYAL EXHIBITION" of 1851; at the "INTERNATIONAL EXHIBITION" of 1862, in London; at the "IM-PERIAL EXPOSITION" held in Paris, in 1855; at the "INTERNATIONAL EXHIBITION," in Dublin, 1865; and at the "UNIVERSAL EXPOSITION, in Paris, 1867.



DICK FOR D, SMITH, AND CO.,
of TUCKINGMILL, CORNWALL, MANUFACT
TURERS of PATENT SAFETY-FUSE, having been informed that the name of their firm has been attached to
five not of their manufacture, beg to call the attention of
the trade and public to the following announcement:—
EVERY COIL of FUSE MANUFACTURED by them
GUNPOWDER, and BICKFORD, SMITH, AND CO. CLAIM SUCH TWO SEPARATE THREADS AS THEIR TRADE MARK.

ESTABLISHED MORE THAN HALF A CENTURY. THE TAVISTOCK FOUNDRY, IRONWORKS,

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SHOVELS AND OTHER TOOLS
as well as for
ENGINEERING AND FOUNDRY WORK
have been purchased by

MESSRS. NICHOLLS, MATHEWS, AND CO., BEDFORD IRONWORKS, TAVISTOCK.

For thirty years Measrs. NICHOLLS, MATHEWS, and Co., have been the proprietors of the latter works, but have now removed to the TAVISTOCK FOUNDRY,

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N. M., AND CO. have had a LARGE EXPRESS.

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F. N. GISBORNE'S PATENT MECHANICAL BALANCE-WEIGHT SIGNALS FOR MINES, &c.

THESE SIGNALS supply a want long felt in giving INSTANT COMMUNICATION in MINES at SEVERAL PLACES at the SAME TIME without the aid of electricity, but by a single rod or chain; so that a degree of safety is ensured hitherto unknown.

The price is also very low, and the mechanism so simple that any ordinary mechanic could put it in order if out of adjustment.

The same patent, as applied to ships, has received the approval of the Chief Engineer, Chatham Dockyard (vide Times, Aug. 13, 1868).

SOLE AGENT FOR MINERS:

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BRUNSWICK STREET, LIVERPOOL.

N.B.-Mr. JERRAM is now visiting the different mines with working models.



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JOHN AND EDWIN WRIGHT PATENTERS. (ESTABLISHED 1770.) MANUFACTURERS OF EVERY DESCRIPTION OF

IMPROVED PATENT FLAT AND ROUND WIRE ROPES

From the very best quality of charcoal iron and steel wire.

PATENT FLAT AND ROUND HEMP ROPES. JHIPS' RIGGING, SIGNAL AND FENCING STRAND, LIGHTNING CON-DUCTORS, STEAM PLOUGH ROPES (made from Webster and Horsfall's patent steel wire), HEMP, FLAX, ENGINE YARN, COTTON WASTE, TARPAULING, OIL SHEETS, BRATTICE CLOTHS, &c.

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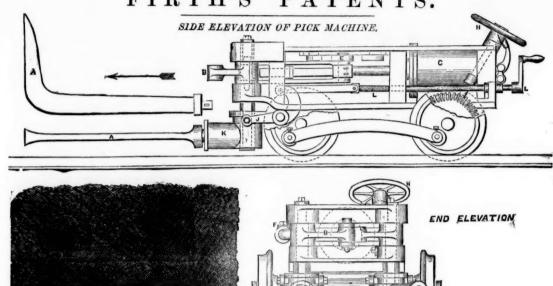
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COPPER MINING IN LAKE SUPERIOR.

COPPER MINING IN LAKE SUPERIOR.

SIR,—Through the extreme depression copper mining in this vicinity is reduced to a small business, several mines are closed, and those working are only employing a very few men. The Flint-Steel Mining Company started last spring to put up about 16 heads, somewhat like the Cornish stamps, with a powerful low-pressure engine, under the strong expectation that the tariff would bring up the price of copper, but seeing it has had but very little effect the erection of the stamps is suspended for the present, the mine remaining full of water. Pretty much of the same class was the Caledonia Mine, which resumed work last spring, with a view of doing heavy business, but the continued depressed state of the copper market seems to discourage them also. Both Caledonia and Flint-Steel Mines are valuable properties if once got under way; the former will likely employ a dozen miners this winter opening ground. Knowlton, immediately east of continued depressed state of the copper market seems to discourage them also. Both Caledonia and Flint-Steel Mines are valuable properties if once got under way; the former will likely employ a dozen miners this winter opening ground. Knowlton, immediately east of those mines, has been working on a moderate scale, and has about paid its way; it is a good property, if worked on a proper scale. The same may be said of the Agama, Mass, and Evergreen Mines, which are idle. Ridge (immediately east of those mines), embracing the same lodes, is worked by about 50 miners, and more than pays expenses; a valuable property, and is in good hands, with good management. Aztee Mine last year yielded beyond all expectation, and more than paid its way. About a couple of months ago they introduced nitro-glycerine in the place of powder, and so far with great succass. In charging holes they first fill the hole with water, then with long-stem funnel pour in the nitro-glycerine, which goes to the bottom instantly, and remains there; then take a double tape, or water-proof fuse, fasten to one end a small cartridge, (say) § in. in diameter and 2 in. long, with a cork in each end, filled with rifle powder, well greased to make it water-tight, and lower it down into the nitro-glycerine, fire the fuse, which will explode the cartridge, cand set on fire the nitro-glycerine. It has been said nitro-glycerine will fetch out the rock, no matter in what direction the hole is drilled. This, I beg to say, is not the case; it is necessary, as is said amongst miners, the hole shall be drilled kindly—i.e., the burden shall not be too strong. Nitro-glycerine is much stronger than powder, and if nitro-glycerine could be tamped upon, as miners do to powder, it is hard to say what duty nitro-glycerine would do. Water is used in place of tamping, in order to avoid premature explosion. Capt. Buzzo, of Aztec Mine, said his 20 miners were equal to 50 with powder, and from what I have seen there I believe it; besides, the rock blasted out by nitro-glycerin plode it. When a hole mis-fires when filled with water, the fuse and cartridge fastened to the fuse is pulled out, and another put in its place. Occasionally this occurs at the Aztec, and so far all has proved well. In very cold weather they have two boilers, to set on stoves, a little larger and same shape as the nitro-glycerine can, to warm water, and set the frozen can of oil therein, thereby thawing the frozen oil by warm water, instead of setting the nitro-glycerine can on the fire, as was done at the Phœnix Mine, Eagle River, L. S. Nitro-glycerine costs here about \$1.50 a pound.

Ontonagon, L. S., Oct. 30.

A CORNISH MINER.

VIRTUOUS LADY MINE.

SIB.—Every part of the mine being worked upon has very considerably improved since lastweek, and shall I astound the shareholders by being able to inform them that in one of the pitches the tributers by being able to inform them that in one of the pitches the tributers are breaking down rocks of copper ore, one rock weighing more than it ton? I do not say it is solid copper, but it is good profitable work throughout, and more than one-half of the work is pure copper, of the richest quality. This is, indeed, a marvellous mine, and is fast getting beyond my weak powers of description, as I am entirely nonplused for language to keep pace with the extravagant remarkableness of the case. In five different places we are already working in copper, and as yet we have not made what I call a real start; this is simply a wee bit of introductory. I find the shaft is 20 fathoms deep instead of 17. We are down 17½ fms., and are now dragging away steadily at the immense excavations known as the Buckland Great Bottoms and Up the Straits. It is in these workings that I have been promised so much, even to almost courses of ore, to commence operations upon. We shall see; and I must confess that nothing will now astound me. Excuse my frequent allusions to the one subject, but I feel confident that not a single mining man who has, indeed, the least real practical knowledge of mining, and brains and education sufficient to warrant his giving a reliable opinion, can doubt, upon an inspection of that property, that we shall have one of the richest copper mines ever yet discovered in England.

THOMAS J. BARNARD,

5. Abbey Mead, Tavistock, Nov. 25.

Nov. 26—(Telegram),—"Another entirely new discovery; blasting down half-ton rocks of solid richest ore. Shares to-day 31., worth double."—T. J. BARNARD,

[Some other letters referring to this mine appear in the Supplement accompanying this week's Journal.]

ROSEWALL HILL AND RANSOM.

Sir.—The shareholders of this mine are respectfully desired not to send their proxies for the use of the committee at the next quarterly meeting, to enable hen to confirm their system of management; but to wait till after the meeting is on that occasion independent opinions will be fully expressed, and made mown to the general body of shareholders and the mining world at large, Nov. 25.

[For remainder of Original Correspondence, see this day's Supplement].

TAVARONE COPPER MINES (LIMITED), ITALY.

TAVARONE COPPER MINES (LIMITED), ITALY.

The rich mines of Chili and Cuba have seen their palmiest days, whilst the importation of copper is rapidly falling off, and the consumption daily increasing. In Italy there are numerous rich mines for copper, and the quality of the ores is most exceptionally good, and the lodes are productive close up to the surface. This is the case with the "Tavarone," situated in the Apennines, about eight miles north of the Mediterranean, and some 30 miles south-cast of Genoa. The lodes are reported to be about 3 to 4 ft. in width, and run within 10° of north and south and cast and west. The samples of the ores broken from various points are found, on assay of 10 samples, to yield from 14 up to 71 per cent. of metal, and the cast of Genoa. The lodes are round, on assay of 10 samples, to yield from 14 up to 71 per cent. of metal, and the postive success as the nature and character of mineral deposits will add the copper trade of this country, chiefly on account of the large quantities of the metal that can be brought to the market, and the certainty, with a small outlay in cash, of securing a substantial and early prize. The promoters are resident in London, Bristol, Swansea, Cardiff, and Birmingham, in this country, and at Genoa, in Italy. The company will be constituted upon the Limited Acts of 1862 and 1867, and shares fully paid-up of 5t. each will be issued to bearer—thus avoiding the necessity of registration. Thirty thousand pounds will at first be issued, but powers are taken in the Articles of Association to increase the capital to 50,000t, but the additional 20,000t, will, in all likelihood, never be required. The concession is conveyed to the company for 20,000t, in shares and 1000t. In each, the proprietors declining to take a cash consideration in payment. The lodes are continuous, and can be traced throughout the company's lands, which extend in area three and a half by two miles, held in perpetuity direct from King Victorj Emanuel, at a dead rent of 20 frs. per square

the concession, and the climate everything that can be desired, with an absence of rain fully ten months in the year.

The ore has been assayed by Mr. W. White, of Threadneedle-street, and the average of ten samples was 39 per cent. For copper; the several assays being—No. 1, 31½ per cent.; No. 2, 63% per cent.; No. 3, 14½ per cent.; No. 4, 26% per cent.; No. 5, 16 per cent.; No. 6, 28% per cent.; No. 7, 52% per cent.; No. 8, 54% per cent.; No. 3, 23% per cent.; and No. 10, 71% per cent.

Mr. White writes—"The associated elements are fron, lime, sulphur, carbonic acid, silica, and arsenic. I find neither lead, silver, nor gold. The gangue is chiefly quartz, in a desirable state of friability, and offering but slight impediment to working. As will be perceived, the average yield of copper upon the specimens is 39 per cent. It remains for me to add that the specimens themselves were selected strictly with a view to obtain a fair average of the bulk."

In Sonora, Mexico, rich surface gold diggings have been discovered, and parties are preparing to leave Arizona for the new mines, having been pro-mised protection by the Mexican Government. Rich gold discoveries are also reported on the Finlay branch of Plate Elver, in British Columbia.

Meetings of Mining Companies.

PACIFIC MINING COMPANY (LIMITED).

One of the most important and influential meetings that has ever been held in connection with the inauguration of a mining enterprise took place at the London Tavern, on Thursday, to hear from Mr. George Batters the results of his recent personal inspection of mineral properties in California and Nevada, more particularly those which the above-named company have acquired. Upwards of 100 of the leading members of the Stock Exchange were present, and many others interested in mining.

interested in mining.
Mr. George Batters (who was very warmly received) prefaced Mr. George Batters (who was very warmly received) prefaced his observations by stating that he proceeded by way of Quebec, and crossed by the Union Pacific Railway, to the great centre of the mining operations, which was the immediate object he had in view in undertaking the journey. There was no parallel of late years in ancient or modern times to the influences which the pursuit of gold had had in directing the stream of population to California. Before the discovery of the auriferous deposits in that region we were in utter ignorance of its physical character, and almost of its geographical position. The two rivers which pour into the Pacific from the Sierra Nevada mountains, rising to an altitude of about 13,000 ft. above the level of the sea, flow for a considerable distance through a comparatively barren country, although in places the mountains were clothed in directing the afreem of population to California. Before the disovery of the auriforous deposits in that region we were in utfer ignorance of its physical character, and almost of its geographical position. The two rivers which pour into the Pacine from the Sierra
ition. The two rivers which pour into the Pacine from the Sierra
itively barren country, although in places the mountains were clothed
with magnificent primeval foreats. In the lower districts the valleys
were extremely rich, yielding agricultural produce to an extent almost
beyond credence. But a few years had elapsed since it was found
wheat could be raised in these valleys, and yet now California was
the second wheat-producing State in the Union, and was at the prenection of these great rivers—the America and the Sacramento—
nection of these great rivers—with the first discovery of gold was, however, the subject to which upon the present occasion he wished to
direct particular attention. In 1818 gold was first found at the junction of these two great rivers—the America and the Sacramento—
and, like all great discoveries of precious metals, it was to be ascribed to chance rather than to scientific investigation and research,
or 12,000,000, setting; and since that period payards of 200,000, end, setting
had been returned, and was now in circulation in the commercial world. The
Sierra Nevala and the great trivers. In 1825 Loudon was 8000 with the
had been returned, and was now in circulation in the commercial world. The
Sierra Nevala and the great tires. In 1825 Loudon was 8000 with the
had been returned for working the gold mines of California, but from ignorance of
a single expection, failed to return a single shilling. Subsequently discoveries
of eliver of coormous value were made in Nevada, and from the Camateck look
alone something the 200 copy, or or other the second control of the work of the payed excellent produced to the payed
control of the second control of the work of the payed to the payed
control of the payed to the pay opened, and of which there are a large number in Nevada county." The result of his enquiries led to this conclusion—that, generally speaking, the Americans had the good sense to keep to themselves their wonderful mines in California and Nevada, so that those who came to this country with "bals" to sell, which were represented to be making wonderful profits, were the merest adventurers, and should be avoided, being known to the respectable Americans by the appropriate title of "loafers." At his time of life it would not suit him to bring out a speculation, and he would rather that none of those gentlemen whom he now had the pleasure of addressing should take an interest in this enterprise, if by so doing they should be induced to associate themselves with others. Besides these two mines—the Buckeye and the Union Hill—the company would acquire Lander Hill, near Austin City, Nevada. Mining there was at a low ebb, most of the miners having descried their camp and gone over to another district, called White Pine, where gold had been discovered in the limestone. He discovered this mine by accident, and was much interested in it from seeing some beautiful rocks being brought to surface. He had no idea at the time that they would sell it at any price, and he had no authority to go underground. He never to and succeeded in purchasing it, sithough not without considerable difficulty. Therefore, the company possessed Buckeye, which was making a profit of 500t, per month; Union Hill, which was making a profit of 500t, per month; and Lander Hill, which was making a profit of 500t, per month. Without taking into consideration the fact that the profits from each of these mines could be easily and rapidly increased, the present aggregate profits amounted to 2500t, per month, or 7500t, per quarter, equal to 25 per share per annum, the capital of the company being 150,000t, in shares of 10t. each. What induced him to purchase Lander Hill was this—that under the bottom level a "sump" had gone down, where there was a very line lod

which there was every reason to confidently believe would be the cause, Lander Hilli would at once become a property, per se, of troble the value of the entire wish what he was about to say to be constraint into once, but he thought if prohabile that the shareholders in this company would have the pre-emption to the fact that the shareholders in this company would have the pre-emption to the fact that the shareholders in this company would have the pre-emption to the fall inspected that mine, and naturally compt they wanted a large sum of a money for it. He found, also, they were paying a very considerable interest for a superior of the considerable interest for the property of the considerable interest for the consi

assured it will become one of the best silver minos of Nevada.—J. Barratt.

Mr. H. L. Phillips asked if there was any doubt as to the titles of these properties?—Mr. Batters and that was a very proper question, and in reply he might state that for the Silver Mine they possessed a title in the form of a United States patent—a description of security unknown in this country, except under the Encumbered Estates Act: it was an absolute Government title, in perpetuity. They had something more in the background in respect of this mine, inasmuch as they had about 10,000 ft. of other lodes, for which they held location titles. A United States patent was really a freehold in the mines. There was no surface damage whatever to pay, and no royalty to Government or any one else, but of course subject to the small taxation of the country. The United States Government offered every encouragement for mining, and the mining law much resembled the old Mexican code. The title to the other properties were location titles, freehold and in perpetuity.

Mr. T. C. MUNDEY asked what was the average yield of gold per ton of rock, as washed down by the hydraulic process?——Capt. Barratsid it was difficult to tell. It was a bed of some 1000 ft. wide and 160 ft. high, containing gold to the extent of 1, 2, and 10 ozs, per ton; and there was a pipe above it, consisting of a sandy auriferous acumulation.

Mr. BUDGE asked whether labour was dear?——Capt. Barrats ald the skilled miner in California was paid §3 and in Nevada §3% per day; but his calculations were based unon an average of \$4\$ per day. The labourers' work was extended to the stended and the productive of the process of the productive of the productive of the productive of the planters' work was every the productive of the productive o

miner in California was paid § 3 and in Nevada § 3/2 per day; but his calculations were based upon an average of § 1 per day. The labourers' work was excellently done by Chinese, who received but a nominal wage.

Mr. PEECHEY, in reply to a question, stated that he knew several mines in California, the area of which was not more than 2 or 3 ft. long on the Comstock.

Mr. BATTERS mentioned that above this bed of auriferous rock there was a bed of liquite, or wood-coal, which showed the great age of this extraordinary upheaval.

bed of lignite, or wood-coal, which showed the great age of this canadama, upheaval.

Mr. Cope said that overyone present had no doubt the fullest confidence in Mr. Batters's opinions and statements, but he should like to ask thin whether, after these profits were realised, there was any security that they would be safely transmitted to this country?—Mr. BATTERS said that there was really more security for bullion in California than in this country; so much so, indeed, that the authorised carriers of the country insared the safe transit of it for a nominal charge.

Mr. Salmon said that after the lucid and exhaustive statements of Mr. Batters, also would be unduly occupying the time of the gentlemen present if he attempted to the confidence of the second country to the co

Mr. Salmon said that after the lucid and exhaustive statements of Mr. Batters, he would be unduly occupying the time of the gentlemen present if he attempted to go over the same ground. He would say, however, in reference to the remarks of Mr. Cope on the difficulties of foreign mining generally, they were difficulties he (Mr. Salmon) thoroughly appreciated; but that the immense advantage of mining in the Pacific States of the United States was that none of the difficulties usually met with foreign mining had to be encountered there. In language and general laws we were one with the United States; and the climate of the Pacific Coast was such that not a gentleman present but would be benefited by a journey there. There were no alien laws or language to perplex us; no yellow fever or chronic choiers to carry off our agents periodically; or no civil war to break up society every few, mouths. Any of the mines acquired by the Pacific Mining Company could be reached from London in three weeks with greater comfort and less fatigue than any similar journey on the continent of Europe. With regard to title, the occupation or "location" titles of the various

districts were recognised by the United States (to whom all the waste or unoccupied lands of the Union belongs), and were as good a title as needs be. As, however, this location title could at any time (where the title is not in dispute) be converted by application to the Land Office into an absolute fee simple in perpetuity by a patent issued from the United States Government, it is well that English companies should have patents for the mining properties acquired by them. A United States patent is an indefeasible Government title. With respect to the properties purchased for the Pacific Mining Company, he could only say that they had been selected after the most careful examination, and after weighing every point connected with them. They were, besides, mines which they were no way interested in purchasing, and the examination of which they approached without any preposession.

Mr. Cope wished to enquire as to the water rights, which were so important in the case of the Gravel Mines?—Mr. SalaMon said there was a gentleman by his side, Mr. Peechy, who had been largely connected with mining in Nevada, who had, indeed, been an official in the Cholar Potosi and Hale and Norcross Mines, in the Comstock ledge—who could properly explain the legal position of the "ditch" property, as it was there called, better than he could.

Mr. E. COOKE asked if, in the contemplated extension of operations, more machinery would be required?

Cant. Barrarts said that extension of operations would be condistricts were recognised by the United States (to whom all the waste or unoc cupied lands of the Union belongs), and were as good a title as needs be. As

horses, &c. The entire purchase-money was 125,000t.

Mr. E. Cooke asked if, in the contemplated extension of operations, more machinery would be required?

Capt. Barratt said that at Buckeye the present operations would be continued, although extended, but no further machinery would be required. At Union Hill the mill was driven by steam, and at Lander Hill there was a steamengine more than at present required. There was no doubt they would have to put some amalgamation barrels, &c. At Union Hill it was proposed to have a new lift. He believed the water in Union Hill to be a most favourable indication, as being in the granite, it shows the lode to be porous, large, and continuous. The total cost of this new lift, with pumps, would be about 1000t, and would take, probably, about six months to complete. There were enormous quantities of rejected ores in the mine, worth over 30t, per ton, which, with improved appliances, could be worked at a very good profit.

In answer to an enquiry as to whether a capital of 15,000t, would be sufficient to meet the expenses in connection with the extension of operations, Captain Barratt replied in the afilr mative, for he did not recommend removing the present mill, his idea being to leave that for the best ore, and to put up barrels. The gold mines were about 14 miles from the railway, and the silver mine was about 90 miles from the Union Pacific Railway.

Mr. ENGLISH, who was interested in the Buckeyo Mine, stated that although that property had returned dividends of about \$6000 per month, there had been an additional outlay during the last five years of \$800 per month in connection with the driving of the tunnel. He believed the profits would now be doubled or trebled.

After some further discussion, Mr. H. L. Phillips proposed that the united

or trebled.

After some further discussion, Mr. H. L. PHILLIPS proposed that the united thanks of all present be accorded to Mr. Batters, for the interesting information he had communicated, and also for affording them an opportunity of becoming interested in a ndining enterprise yielding interest at the rate of 20 per cent. Few men were to be found who would complete a journey of 15,000 miles in less than three months, and then offer those with whom he was associated the privilege of becoming interested in the result of his labours upon such favourable terms. (Hear. hear.)—Mr. BATTYE seconded the proposition, which was carried unanimously.

able terms. (Hear, hear.)—Mr. BATTYE seconded the proposition, which was carried unanimously.

Mr. BATTERS having thanked those present for the vote passed, stated that he would not have travelled 15,000 miles, risked his life, and employed his services in this direction for the small sum he would realise, were it not that he would rather receive a small sum with credit than a considerable sum with dishonour and discredit. (Hear, hear.) He had the fullest faith in the company, and believed it would prove handsomely remunerative to all who associated themselves with it. (Hear, hear.) Mr. Phillips had stated that they would receive 10 per cent. upon their capital, but the present rate of profit was 20 per cent., and he should hesitate to speculate as to the rate at which those profits could be inexpensively increased. (Hear, hear.) The present results were good enough, but they could most certainly be materially improved. (Hear, hear.) The proceedings then terminated.

IMPERIAL SILVER QUARRIES COMPANY.

An adjourned extraordinary general meeting of sharcholders was held at the offices, Palmerston-buildings, on Monday, Lord RANELAGH in the chair.

The notice convening the meeting was read, as were also the minutes of the extraordinary meeting.

The CHAIRMAN regretted the unavoidable absence of Earl Poulett

The notice convening the meeting was read, as were also the minutes of the extraordinary meeting.

The CHAIRMAN regretted the unavoidable absence of Earl Poulett from the chair upon the present occasion, inasmuch as he had advanced considerable sums of money to assist in carrying on the operations at the mine. At the meeting of which the present was the adjournment a committee of shareholders was appointed to discuss the affairs of the company; the meeting took place, and the committee had embodied their views in a report, which he would ask the directors to read.

The report having destrict the result contraction of the company; the claim of the company of the company. The CHAIRMAN said that legally the business of this meeting was merely to receive this report, and to call the shareholders together again within a prescribed time. As that would be a sheer waste of time, he would suggest that the matter should be now discussed in a fair and liberal spirit.

Mr. A. P. M'Kewan said he was actuated by one principle—that of supporting any measures which were conductive to the interests of the company. The course he had hitherto taken had been with the best feelings and in the best spirit—supporting the honourable body of directors, particularly Earl Poulett, to whom they were all personally indebted, and also to the majority of the board, for the handsome manner in which they had conducted the company; but the would ask whother it was not unadvisable at this juncture in the history of the company to that the question of re-construction was not to form a portion of the deliberations of the committee. His reason for objecting to the re-construction was that those who subscribed for a certain tumber of shares would receive something like 400 per cent. preference over the existing shares. If they were to undertake a re-construction, let them decide upon a basis which was not likely to raise any question hereafter. He thought it would be much better to modify t

vene a special meeting for December 6, for the purpose of carrring out the re-commendations of the committee.

A vote of thanks was passed to the Chairman, which concluded the proceed-ings.

THE GOLD MINING COMPANY OF YUBA.

The first general meeting of shareholders was held at the offices, 8, Finch-lane, on Thursday,—Mr. H. E. Ormerod in the chair. The notice convening the meeting having been read, the report of the directors was submitted, which stated that letters had been rebeen read, the report of the directors was submitted, which stated that letters had been received from well-known gentlemen in Idaho, stating that the Minerva lode is now 5 ft. wide, the result of "work done upon it during this spring and summer;" that "the arastra has been at work with first-rate results"—that "W. Clemens (the company's proposed mining engineer, who is at present working this and other mines) has just finished a splendid run in the Minerva and the Varieties quarts, while Mr. Atkins, of the Atlanta, has been sending down more than \$1000 per week with his 5-stamp mill, and that he has just completed a larger one, which will run all the winter, and he expects thereby to realise at least \$500,000 per annum." The directors' report referred to the importance, in an undertaking like the present, of being connected with men of well-known integrity, and to the confidence and satisfaction they experienced from the fact that the owners of the Minerva Mine occupy a highly respectable position in Idaho, one of them having recently been elected to a poot of great importance as Territorial Treasurer. The offer of the mine to the company was limited in the first instance to a certain period, which has expired; but the owners have bandsomely consented to extend the time, not withstanding the increased size and consequent enhanced value of the lode. The owners of the mine have also not only agreed to be paid entirely in shares (12,0007.), but are willing that nearly the whole of their scrip should be tied up in this country until after two quarterly dividends had been paid by the company.

The CHAIRMAN explained that this was an extraordinary general meeting under the Companies Act, 1867, which made it necessary to hold a meeting of the shareholders within four months after incorporation.

hold a meeting of the shareholders within four months after inco dia meeting of the shareholders within four months after incor-ration. Generally at such an early stage there was little to report, that the directors were able to congratulate the shareholders on the satis-tory letters that had been received from Idaho, and the information Dr. Bishog a able to give as to the increase in the lode. The board were desirous of sub-ting to the shareholders full particulars as to the property and the terms for purchase, with which view he proposed that the draft of the agreement,

which had been sent to the vendors, should be read to the meeting, so that the purchase of the mine and machinery should be the act of the shareholders after full information on every point desired. Calling particular attention to the terms of purchase, with which the vendors of the mine would receive the whole of the purchase money (1200L) in shares, of which 10,000L were to be retained in the company's office, or with its brokers, until after the receipt of two dividends, the amount to be paid for the mill and machinery being 2000L—half in eash, and the remainder in shares.

On the motion of the CHAIRMAN, seconded by Mr. QUILTER, it was resolved unanimously,—"That the report of the directors, now read, be received and adopted."

unanimously,—"That the report of the directors, now read, be received and adopted."

The CHAIRMAN called upon the solicitor to read the draft of the agreement which had been sent to Idaho for the signature of the vendors. Dr. Bishor, in reply to questions from shareholders, stated that he had personally examined the mine, and the arrastre process day after day; that he had broken off stones of ore, taken them to his lodgings and assayed them by a simple mode, and that, making allowances for the ordinary contingencies of all mining operations, he had satisfied himself that all uncertainty was eliminated from the operations of this company, in the success of which he had every confidence. That the machinery could not be got to work until after the breaking up of the winter roads allowed the mill and machinery to be taken to the mines, but that during the winter work could be proceeded with in the mines in readiness for the machinery.

On the motion of Dr. BISHOP, seconded by Mr. FOWLER, it was resolved unanimously,—"That the directors be authorised to purchase, on behalf of the company, a mine called the Minerya Mine, situate at Grouse Creek, in Alturas county, Idaho; and also a certain mill, commonly known as the Victor Mill, situate at Rocky Bar, together with a mill-house, engine, and other machinery appurtenent thereto, for 14,0001, payable partly in cash and partly in shares of the company, on the terms and subject to conditions submitted to the meeting." Shareholders present expressed their satisfaction at the statements of the Chairman and Dr. Blabop, and their intention of increasing their holding in the shares of the company.

A vote of thanks to the Chairman concluded the proceedings.

DON PEDRO NORTH DEL REY GOLD MINING COMPANY

An extraordinary general meeting of shareholders was held at the London Tavern, yesterday,—Mr. HENRY HAYMEN in the chair.

Mr. J. E. Dawson (managing director) read the notice convening the meeting. the meeting.

The CHAIRMAN said that upon the present occasion he would have

ontented himself by simply moving that a dividend be declared at the rate of 100 per cent, per annum, were it not that some misapprehension appeared to exist among the shareholders with reference to Capt. Thomas Treloar's report, in which he used these words:—
"The bottom of the mine is looking well, and the decline in the produce is due to trouble arising from water and inexperience of miners; and seeling this, seeling also that that there will be more trouble in driving the addis than expected, and looking at the time that must elapse before the powerful and seeling this, seeling also that that there will be more trouble in driving the addis than expected, and looking at the time that must elapse before the powerful placewered, will not be itself again for 12 or 15 months to come." Now, as far as he (the Chairman) was able to judge, Captain Treloar referred to the very large returns they had had, and not to the fair and moderate returns made since June, and he based that statement upon the fact that at that time no new lode had been discovered. When that report, was sent out to the shareholders, special attention was directed to Mr. Symons's letter, written a few days later than Capt. Treloar's report, in which he announced the important discovery of a new lode. His (the Chriman's) opinion was based upon Capt. Treloar's report, upon Mr. Symons's letter, and also upon the general working of the property, and upon trues base he confidently affirmed that the shareholders might coultant to loas forward to the realisation of our shout-one of the contrary, as far as he was concerned, he had every confidence in the future of the undertaking. (Hear, hear.) For the first nine mouths of 1888 the profits amounted to 41,1021., but for the corresponding peried of the present year the profits were 46,014, being very nearly 36001, additional profit up to the end of September. In 1888 they yald in dividends 31,220°. and in 1889 there was serviced to the corresponding peried of the present year the profits were worked by a se contented himself by simply moving that a dividend be declared at the rate of 100 per cent, per annum, were it not that some misap-prehension appeared to exist among the shareholders with reference

The Unalitation and dry.

Was, therefore, high and dry.

The proposition declaring the dividend was then put, and carried unanimously.

A cordial vote of thanks to the Chairman for the satisfactory explanations he had afforded was passed, when the proceedings terminated.

GREAT ROYALTON MINING COMPANY.

GREAT ROYALTON MINING COMPANY.

A general meeting of shareholders was held at the company's office, Finch-lane, Cornhill, on Saturday,—Mr. JAMES CROFTS in the chair. Mr. J. H. CROFTS (the secretary) read the notice convening the meeting, and presented the statement of accounts, which showed a credit balance of 464, 5s. 1d. A statement of liabilities and assets was also presented, showing, after charging the October cost, and also the cost of a 26-in. cylinder-engine (3201), a debit balance of 314. 4s. 11d. The subjoined report was read: Nov. 19.—The adit is now nearly fluished, and the water let down. This is a very good job done, indeed, as it will carry off all surface water, and save pumping it. The men are now engaged in taking out the foundations for engine-house, boiler-house, &c. Ishail push this on as fast as possible, so that the masons may get to build as early as possible before winter sets in. On Monday the engineer will send me the plan for the masons, and also state the amount for which he will take the engine down and erect it again. When I receive the estimate I will at once lay it before you. I think you would do well to let it by contract, provided it is done at a fair price, as the engineers would have an interest in their work, and I think it would be done quicker. As regards our prospects, I am of the same opinion as at first. That we have a valuable property is certain, the lodes being large and productive, and they suply jeid good profits to the shareholders. We have five lodes in the sett, and the supply of rich tinstiff would appear to be almost inexhaustible. I shall push on all things as fast as possible, so that we may get in the market with tin the earliest moment.—Thomas Parkyn.

The CHAIRMAN, in moving the reception of the reports and ac-The CHAIRMAN, in moving the reception of the reports and accounts, congratulated the shareholders on the splendid prospects of the mine. Since the special meeting of Oct. 21 the committee had completed the purchase of the engine, which had cost 3301.; it was in first-rate condition, and would do all the work necessary for them. The erection was being pushed on as rapidly as possible, and he hoped that in February next it would be ready to go to work, together with 36 heads of stamps, which they could keep fully employed. They had immense quantities of rich tinstuff, which the agent stated could be returned at great profits to the shareholders.

The report and accounts were then unanimously adopted.
On the motion of the CHAIRMAN, it was then resolved that a special meeting should be held in December, for the purpose of making a call.

The usual complimentary vote of thanks to the Chairman terminated the proceedings.

SOUTH DARREN MINING COMPANY.

The half-yearly general meeting of shareholders was held at the

company's offices, Austinfriars, on Thursday,
Mr. Swonnell in the chair.
The Manager read the notice convening the meeting, and the minutes of the preceding one. The accounts for the six months showed a credit balance of 18081. 3s. 4d. The subjoined report was read:—

a credit balance of 1808., 3s, 4d. The subjoined report was read:—

Nov. 22.—We beg to hand you our report on the working of this mine during the last six months, and we are glad to be able to inform you that notwithstanding the long-continued drought during the summer months, the returns have not been considerably less than those of the previous half-year, while the month's costs have been very much lower. The following operations have been carried on during the six months just completed. A communication between the60 and the 70, by means of a winze, has been effected, which has created a good ventilation, so that the end can now be pushed on more vigorously than before. The 70 has been extended west about 11 fms.; the lode in the present end is 2½ ft. wide, and is composed of good mineralised killas, carbonate of lime, lead and copper ores; its present value is 16; per fathom, and it presents indications of improvement. The length of ore ground passed through in this level is about 24 fms., and is worth from 12t. to 20t, per fathom. We should here remark that

the ore ground passed through is much longer in this level than it was in the level above (the 60), and this evidently shows that the ore ground lengthens as we descend. From the appearance and character of the lode gone down in the bottom of this level we are of opinion that the 80, when laid open, will be found more productive than this level has been. The productive ore ground in the 60 (worth from 20. to 30. per fathom) is about 20 fathoms in advance of this end. The lode in the stopes over this level is 3 feet wide, and is worth for lead and copper ore 18. per fathom. The drawing-shaft has been sunk below the 70 about 6 fathoms: we hope to have it down to the depth required for an 80 fathom level in about two months hence; it would have been down ere this, and the 70 would have been further extended, had it not been for the long drought, which caused all operations in this part of the mine to be suspended. The 60 has been extended west about 13 fms.; the lode has throughout this extent produced lead and copper ore, but not enough to value. From the appearance of the present end, and the character of the lode gone down in the level above (the 50), we are of opinion that this level will improve as we advance. The lode in the stope over this level, east from the winze, is 2 feet wide, and worth for lead and copper ore 10. per fathom. The stope west of the winze has been worked up to the 50. The 50 has been extended west about 6 fathoms; the lode in the end being poor, we have suspended the extension of it for the present. The lode in the stopes over this level are from 2 to 3 ft. wide, and are worth for lead and copper ore from 10. to 14. per fathom. The lode in the stope over the 30 is 2 ft. wide, and is worth for lead and copper ore 111. per fathom. The shallow level has been vertended east about 8 fms. on the course of the lode, which has produced spots of copper, sulphur, &c., but of no value. We recommend the present operations to be continued in this part of the mine, and to carry out the above points w

spects, we calculate on returning about 5001, worth of ore monthly, weather permitting.—John Boundy, W. H. Boundy,

A Shareholder presumed that with an an increase of labour they would have an increased quantity of ore.—Captain Boundy feared that at present there would not be any considerable increase in the get of ore.

Mr. Murchison explained that from the balance there must be deducted 3471, for October costs, due in a few days. The 2s. 6d. dividend now declared would leave about 6801. In hand.

A Shareholder enquired whether it would not be better to pay off Sir Pryse? Pryse? dues?—Mr. Murchison said that most of it was for ores for which the money was not yet received. He was paid up to the end of June, and theestimate was upon the ore just sold, which was, therefore, scarcely due.

The Chairman said that the business which fell to his share was very small. He had merely to move the reception and adoption of the report and accounts.

The move the spained that by the drawing shaft they would greatly facilitate getting the ore to surface. Previously the whole of the ore had to be carried to another shaft, which led to a considerable waste of labour. The directors and auditor were unanimously re-elected, the auditor to receive the same amount of renuneration.

The Chairman remarked that the dividend (2s. 6d. per share) would be paid as soon as possible, and the proceedings then terminated, with the usual complimentary votes.

PRINCE OF WALES MINING COMPANY.

PRINCE OF WALES MINING COMPANY.

A quarterly general meeting of shareholders was held at the company's offices, St. Michael's House, yesterday,

Mr. J. Y. WATSON, F.G.S., in the chair.

Mr. Jehu Hitchins (the secretary) read the notice convening the meeting, the minutes of the previous meeting, and the subjoined report and balance-sheet, showing a credit balance of 20211. 1s. 6d.

Nov. 24.—Since the last general meeting the 77 cross-cut south has been driven it athoms, being now 12% fathoms from the shaft. About 3% fathoms from the shaft the lode was lutersected, and 3 tt. driven west on its course, where it is 1 foot wide, worth 61, per fathom—a promising end. The 77 east has been driven 1 fathom; lode 1% foot wide, composed of capel, quartz, peach, mundle, and copper ore, yielding i ton of the latter per fathom, worth 31.—a very kindly lode, and the character of the strate on both sides of it is precisely the same as accompanied the best bunches of ore throughout the mine. The 65 east has been driven 7% fathoms; the lode in the present end is 1% foot wide, composed principally of capel and quartz, with a little copper ore intermixed, but not to value, The 65 west has been driven 3 fathoms through a good and profitable piece of ground; the lode in the present end is 3 ft. wide, worth fully 12. per fathom. We have two stopes in back of this level, worth on an average 16l, per fathom each, and one stope in the back of the 65 east worth 14l, per fathom. The 55 west has been driven 2 fathoms; the lode in the present end is 2% feet wide, principally capel. The 55 cross-cut north has been driven 3% fms.; the ground is favourable both for driving and the production of copper. Three stopes work ing in the back of the 55 east is worth 12l. per fathom, and one stope in the back of the 65 east worth and an average 10l. per fathom each, at one of the 55 east is worth 12l. per fathoms, the ground is favourable both for driving and the production of copper. Three stopes work ing in the back of the 55 east is worth 12l. per

per ore of fair quality.—J. GIFFORD, W. GIFFORD.

The CHAIRMAN stated, with reference to the accounts, that the last sale of ore was not brought into the account, nor is the October cost, which was paid out of the balance yesterday.—A SHAREHOLDER enquired the amount of the October cost?—The CHAIRMAN said about 500!.—The SECRETARY explained the several items of the account, upon which

The CHAIRMAN remarked that at the last meeting there was an undivided profit equal to 1s. 6d. per share, although is, per share only was declared. This permitted the payment of a 1s. dividend on the present occasion.

The necessary resolution for the declaration of the dividend was then put and unanimously carried.

A SHAREHOLDER enquired why the number of tons of ore sold each month continually decreased?—Mr. JEHU HITCHINS said that the ore required more dressing now than formerly, and, therefore, there might be a slight reduction in the number of tons sold. That sold, moreover, had been of a little higher produce.

in the number of tons sold. That sold, moreover, had been of a little higher produce.

A SHAREHOLDER sald that as Captain Gifford had received instructions from the committee to drive a cross-cut in the 65 fm. level, to test the lode to the south, he thought he was not justified in stopping.—The CHARMAN said that the captain had stopped the cross-cut on the supposition that the sink from the 55 would prove it equally well, with less expense. Nothing was met with in the 3 fms. which actually were driven.

Mr. ROSEWARNE thought the cross-cut ought to be driven 6 or 9 feet further. Mr. HITCHINS said there were two sides to the question. If the sink were rich the cross-cut should have been driven, but if poor it might have been advisable to stop it.—Mr. LITTLE said that if the sink showed that the ore was still in front he should not have suspended the cross-cut.

Mr. Jehn Hitchins was requested to write Capt. Gifford, stating that the meeting were of opinion that the cross-cut should be continued, Mr. ROSEWARNE suggesting that he should add a qualification, so as not to compel him to drive on if he could see that it was a useless expenditure.

The proceedings then terminated with the usual complimentary vote of thanks.

FOREIGN MINES.

NEVADA FREEHOLD PROPERTIES TRUST.—The following telegram has arrived from Major General Mason, one of the trustees:—"Title perfect; property better than represented. Took possession last Saturday.—Austin, Nevada, U.S.A.—Nov. 23, 1869."

IMPERIAL SILVER QUARRIES.—Extract of a letter from Mr Lewis Chalmers, dated Nov. 1:—"Eleven feet of tunnel were made last week. The flow of water is increasing, as also the stench, and the ground is getting very angerous to work under."

CANN CORDERS — The diseases have described as a significant or the disease of the stench.

flow of water is increasing, as also the stench, and the ground is getting very angerous to work under."

CAPE COPPER.—The directors have despatches, per'Saxon, to Oct. 9, in Namaqualand. Owing to the absence of the superintendent, who had proceeded to Cape Town on business, and was on his way back to the mines, the regular monthly reports are delayed to next mail. The returns for September are—yield from Ookiep Mine, 525 tons, averaging 32:3 per cent.; and fight from Ookiep Mine, 525 tons, averaging 32:3 per cent.; and spectakel, 104 tons, of 39 per cent. Transport to the coast from Ookiep 332 tods, and from Spectakel 168 tons. Lung sickness had broken out amongst the over on the Port Nolloth road, one of the carriers having lost five, which had obliged him to stop carrying for awhile to get all his stock incoulated. The construction of tramway had commenced, and on Oct. 4, 134 mile was laid. The engineer writes—"Nothing has yet occurred to induce me to alter my opinion as to laying at from 3 to 4 miles per month, after we pass the first 10 miles, and in January next 1 hope to be very near the 10th mile. Bill of lading is received for 25 tons per present steamer. The Flower o'Moray, with 364 tons of coper ore, has arrived at Swansea; 97 tons of ore and regulus were sold by public ticket on Nov. 16, at an average of 13s. 4½d. per unit.

BRITISH MINES.

** The following were received too late for insertion in their proper place:-

*** The following were received too late for insertion in their proper place:—
BRADDA.—R. Barkell, Nov. 24: There is nothing new to report on in the engine-shaft. The Bniwark lode in the 60 is not yet cut through; there is still lead in the lode, but not sufficient to pay for working. The 60 north and east lode is letting out a strong feeder of water; the lode is composed of sugary spar, capel, and a little copper. In the 50 north there is a very strong feeder of mineral water issuing from the east side of the level, and the men are now engaged in driving a short cross-cut, to ascertain if there is any part of the lode standing in this direction; this end is now up to where the lode went off east in the 40, where we had to drive a cross-cut, and the lode we cut was worth 3 tons of lead per fathom; we hope to meet with similar results in the 50. The 40 north is looking well, lode composed of gossan, lead, black and native copper, worth fully 15t, per fathom; price for driving, 5t, 10s. The two stopes in the roof of the 40 are yielding—the one I ton 15 cwiss, the other 2 tons of lead per fm. The communication is effected between Spittall's shaft and Prior's level, and the men are now engaged in cutting a lodge, after which they will cross-cut to the Bulwark, and drive on the east lode, which is worth 2 tons of copper per fathom; it his lode, as you are aware, passed through the roof of Prior's level, and will be cut in the cross-cut before cutting the Bulwark lode. The lodes here being embedded in a good channel of ground, the chances in this part of the mine are good.

being embedded in a good channel of strong, when have a nice kindly lode in the mine are good.

NEW BRYNPOSTIG.—J. Kitto, Nov. 25: We have a nice kindly lode in the 20, driving east from engine-shaft, and for several days past we have had some nice solid cubes of lead ore in the flookan, or soft part, towards the lying wall, and as we are now nearing the spot where the rich gossan was found mear the

surface. I think we may reasonably anticipate a further improvement. The engine will go to work on Saturday next, it would have been working long ere this, hat we have not been able to get the castings from the foundry. The pumps, rods, &c., are all fixed in the engine-shaft complete, and the water will be in fork the early part of next week, when the sinking below the 39 will again

this, but we have not been according to the engine-shaft complete, and pumps, rods, &c., are all fixed in the engine-shaft complete, and be la fork the early part of next week, when the sinking below the 39 will again be resumed.

BRYNPOSTIG.—John Kitto, Nov. 25: The lode in the bottom or 36 fm. level, east of engine-shaft, is still looking well, and the part we are carrying in the forebreast, which is from 2½ to 3 ft. wide, is worth about 1 ton of lead ore per fathom. We are not carrying the whole of the lode in the driving, consequently cannot give its full size or value, our object being to push on the end as rapidly as possible, in order to open out ground for stopes; and, besides, we know the best run of ore ground we had in the upper levels is still before us. We have driven this level upwards of 16 fms. through good ore ground, and might have been stoping the roof but for want of ventilation, and, in order to secure this at the earliest moment, we are putting up a rise from the back of the 36, and sinking a sump immediately over it, in the sole of the 24, and have about 3 fathoms further to rise and sink to effect a communication between the two levels; this will take us about a week to accomplish, and as soon as it is completed it will afford ample ventilation, and the ground at each end of the winze will be immediately available for stopes. There is no change to notice in any other part of the mine. We shall sample next week another 20 tons of lead ore.

GAIFRON WHEAL VAN MINING COMPANY.

GAIFRON WHEAL VAN MINING COMPANY.

British mining produces an annual revenue exceeding 40,000,000\(lambda\), sterling, and is scarcely second to railways in its total of yield; yet, railways absorb a capital of 500,000,000\(lambda\), and mines scarcely 100,000,000\(lambda\). The best of our railways pay interest not exceeding 5 per cent., and the average is barely 4 per cent., whilst in cases no interest whatever is paid. Many a British mine pays 8 to 10 to 12\(lambda\) and 15 per cent. dividends, and command hundreds, nay thousands, per cent. premiums on capital subscribed. It is true that there are elements of risks associated with mining pursuits as with railways, joint stock banks, shipping, building, and every other description of enterprise; but the hazard is not devoid of usefulness. The man a mere automaton. To obtain the most of the world's goods is, we take it, the end and aim of all trading commerce and enterprise. Had extreme prudence—absolute certainty of profits—been our rule of action at all times, we should have had no 14,500 miles of railways, no telegraphic communications, no Great Eastern and other levithan ships, no Suez Canal, sanitary improvements, cities and towns lit up with gas, no New River from Plynlimmon to London, or other gigantic works and undertakings that advance civilisation and angle are discrete the condition of manking. tevithan snips, no suez Canni, santary improvements, cities and towns lit up with gas, no New River from Plynlimmon to London, or other gigantic works and undertakings that advance civilisation and ameliorate the condition of mankind. So in mining, if, disconnected with speculatives risks, we should have no such prizes as the Van, the Minera, the Devon Great Consols, West Chiverton, South Caradon, the Setons, Croftys, Tresavean, Dolcoath, Cook's Kitchen, Botallack, Levant, East Rose, Lisburne, Cwmystwith, and many others; yet mining must have a starting point, and it is not often that the first pioneer meets with success. Such was not the case with Tresavean, Devon Great Consols, Minera, Cwmystwith, and a host of other profitable undertakings; and who shall venture to assert that the "Gaifron Wheal Van" will not equal the "Van" in productiveness? The latter advanced from 50,0004, to 450,0004, in one year; and from the returns of rich ores from "Gaifron Wheal Van," there is every promise of substantial product and gains, upon a practical development of the various lodes. The works were suspended from exceptional circumstances, and are resumed under the most favourable auspices and promise. The capital is small, yet ample, in the opinion of practical authorities, to mature the works. The Van sells for 475,0004, and the Gaifron Wheal Van for 12,5004 only. There is an elasticity and vigour about the latter that is most refreshing to the procedulity mind, and there is no more risks associated There is an elasticity and vigour about the latter that is most refreshing to the speculative mind, and there is no more risks associated with the adventure than is necessary to stimulate enterprise, and which are the invariable concomitants of active exertion in all branches of commerce and our home industries. The success of "Van" has infused vitality in the district of Llanlidloes, and we feel convinced that the date is not remote when we shall have the pleasure and satisfaction to congratulate the shareholders in Gaifron Wheal Van on attaining substantial success.

FOREIGN MINING AND METALLURGY.

Still greater activity has prevailed this week in the Belgian coal mining centres. At certain points it is stated that the demand is larger than the extraction; and it appears tolerably certain that the trade has entered upon a period of progress which promises to the tocal-workers a season very superior in results to that of last year. The only black point—that is, the only discouraging element—in the state of affairs is the continued difficulty which coal-workers experience in obtaining adequate means of transport on the railway lines. Great efforts are stated to be made, in order to remedy the present unfortunate state of affairs in this regard; but as yet they have been attended with no result. Prices have not varied, notwithstanding the abundance of the demand; but they are maintained with continued firmness. During the last few days a contract has been let for 2273 tons of Vignoles rails. The highest tender was 71. 12s. per ton, and the lowest tender 71. 7s. 7d. per ton; these rates were somewhat lower than the corresponding tenders sentin January. A contract for a small lot of cramps was let to MM. de Dorlodot. MM. de Dorlodot have just established a complete set of bolt-making machinery, which was supplied to them by M. Gobert, jun.

The Prussian metallurgical market has not changed its appearance; prices have maintained their firmness, and the demand continues to display animation. Contracts for rails and other materials have recently been let. Thus the Nassau and Wiesbaden Railway Company has given out orders for 778 tons of iron sleepers and 508 tons of cast-steel rails, besides 29 tons of fish-plates. The administration of the Hanoverian Railway Company has let contracts for Still greater activity has prevailed this week in the Belgian coal

tons of cast-steel rails, besides 29 tons of fish-plates. The administration of the Hanoverian Railway Company has let contracts for 6854 tons of ordinary rails, 1148 tons of cast-steel or Bessemer rails, 50,000 cast-steel fish-plates, &c. The Niederschlesisch and Markisch 6854 tons of ordinary rails, 1148 tons of cast-steel or Bessemer rails, 50,000 cast-steel fish-plates, &c. The Niederschlesisch and Markisch Railway Company has let a contract for 20 tons of fish-plates, 7 tons of bolts, &c. The past year 1868-9 has yielded good profits to industrial companies; at the same time their dividends have not, perhaps, been scarcely so high as had been anticipated. The Phoenix Mines, Blast-Furnaces, and Iron Works Company, at Laar, has paid 17 per cent. on its A shares, and a trifle over 30½ per cent. on its B shares. The Hoerde Metallurgical, &c., Company has paid 7½ per cent. for the year. A similar dividend has been declared by the Bochum Cast-Steel Manufacturing Company. The dividend of the New Scotland Mines, Blast-Furnaces, and Iron Works Company is at the rate of 6 per cent. for the year. The Doehlen Cast-Steel Company has paid 6 per cent. for the year. We may, perhaps, advantageously append a few further details from the report of the Hoerde Company. The company's first blast-furnace was brought into operation Oct. 10, 1868, and the second Jan. 9, 1869. The total productory in from for the year amounted to 55,009 tons, which may be displaced as follows:—Ordinary iron for puddling purposes, 17,992 tons; pig, 145 tons; Bessemer iron, 8630 tons; iron for steel, 26,594 tons; foundries, 198 tons; and miscellaneous, 1450 tons: total, 55,009 tons. To produce this iron the company used 114,769 tons of minerals, 49,662 tons of lime, and 63,140 tons of coke. The cost price of the rough iron produced by the company presented a decline of nearly 1s. 3d. per ton, as compared with 1867-8. The amount of the share capital of the company is 475,3501., and the dividend paid on this sum for 1868-9 was about 7½ per cent. It appears that in the first half of this year the Zollverein imported 74,421 tons of rough iron,

capital of the company is \$10,000, and the divident paid on this sum for 1868-9 was about 7½ per cent. It appears that in the first half of this year the Zollverein imported 74,421 tons of rough iron, or 22,084 tons, or 42 per cent., more than in the corresponding period of 1868. The imports of iron in bars amounted to 2364 tons, or 81 tons, or 34 per cent., more than in 1868. The imports of iron minerals amounted to 111,893 tons, or 33,728 tons, or 43 per cent., more than in 1868 (the expression "1868" implies, of course, the corresponding period of that year). The imports of rails amounted to 1731 tons, or 903 tons less than in the corresponding period of 1868. period of 1868.

The greatest activity continues to prevail in the works of the Haute-Marne. The water supply has been completely re-established, and rolling-mills, forges, wire-works, &c., are exerting all their means of production. Iron remains generally firm, and it is the same with of production. Iron remains generally firm, and it is the same with accessory articles. Charcoal-made pig for refining is quoted at 4*l*. 8s. to 4*l*. 9s. 8d. per ton; mixed ditto (half coke), 3*l*. 10s. 5d. per ton; local coke-made pig, 3*l*. 10s. 5d. per ton; ditto, from the Meurthe and the Moselle, 2*l*, 17s, 6d, to 2*l*, 19s, 2d. per ton. Merchants' iron, from

charcoal-made pig (first-class in warehouse at the works), 9l. to 9l. 4s, sper ton; mixed ditto, 8l. 12s.; coke-made ditto, 8l. to 8l. 4s.; in per ton; refined charcoal-made and rolled iron, 12l. 15s. to 13l. 15s. to 15l. 15s. to 13l. 4s. in per ton; ordinary grained iron, 11l. 12s. to 12l. per ton; ditto fine grained iron, 13l. 4s. to 13l. 8s. per ton; owith a scale of 8s. per ton per ton; ordinary grained iron, 11l. 12s. to 12l. per ton; pidito fine grained iron, 13l. 4s. to 13l. 8s. per ton; owith a scale of 8s. per ton per ton; ordinary grained iron, 13l. 4s. to 13l. 8s. per ton; between the classes. No. 2l. to 15l. per ton between the classes. No. 2l. to 16l. per ton between the classes. No. 2l. to 16l. per ton between the classes. No. 2l. to 16l. per ton between the classes. No. 2l. to 16l. per ton 15l. 15l. per ton; pidited enhanced into, first and upwards to the control of the per ton the scale of 12s. to 16l. per ton 15l. per ton; pidele enhanced into, first and the scale of 12s. to 16l. per ton 15l. per ton; pidele enhanced into, first and the scale of 12s. to 16l. per ton 15l. per ton; pidele enhanced into, and the scale of 12s. to 16l. per ton 15l. per ton; pidele enhanced into, and the scale of 12s. to 16l. per ton 15l. per ton; pidele enhanced into the groups of the East, at the North, and the Ardennes; everywhere work is abundant, and 12l. per ton; pidele enhanced into the groups of the East, at the North, and the Ardennes; everywhere work is abundant, and 12ll per ton 15ll per ton; pidele enhanced into the groups of the East, at the North, and the Ardennes; everywhere work is abundant, and 12ll per ton 15ll per ton; pidele enhanced into the deck will be 10ll to 18ll per ton; pidele enhanced into the deck will be 10ll to 18ll per ton; pidele enhanced into the deck will be 10ll to 18ll per ton; pidele enhanced into the deck will be 10ll to 18ll per ton; pidele enhanced into the deck will be 10ll to 18ll per ton; pidele enhanced in the deck will be 10ll to 18ll per ton; pidele enhanced in the deck

kets have been dull. The Rotterdam tin market has been rather unsteady; 30,000 ingots of Banea, thrown upon the market by the discomfiture of an Amsterdam house, have been taken—half by a Rotterdam firm, and the balance by two Amsterdam houses. The news of this purchase has had a good effect, and prices have risen from 65 fls. to 68 fls. There has been no great variation in lead at Havre, Paris, or Marseilles. Upon the German markets lead has been in tolerably regular demand, and prices have preserved their firmness. At Marseilles rolled zinc has made 26t, per ton; Silesian zinc has realised 20t. 16s. to 21t. 12s. per ton. Upon the German markets zinc has exhibited little animation.

THE SLATE TRADE IN AMERICA.—The slate trade appears to be gradually extending itself in America, and although the mania for slate quarrying has subsided there are still an abundance of capitalists to be found who are ready to embark in any really promising slate enterprise. It is interesting to learn that the Americans are at present taking such an interest in the subject that accounts of the history of slate and slate quarrying are read with avidity. In one of these accounts a list of enquiries to be made in order to determine the value of a property for slate quarrying enterprise is given, which appear to be equally applicable to all slate districts. What other quarries near and on same vein? Is the adjacent formation bastard slate? If not, what is it? Is there any stream near likely to inundatate it? Any abandoned quarries near? Is there frost enough in winter to affect the slate seriously? What is the pitch of plane of cleavage? Has it cyphering or mantle beds? If so, how wide? If it has cyphering beds are there factories near; and if so, what price do they pay? Is the slate straight? Are the slates split from the end or side of the block, or both? How thick a space lies between the "water splits" at various depths? Is there abundant dumping ground? Are the colour likely to fade? Are there any wriens of quarts in or near the place? Has it been worked in winter? Are there any unfaded slates on the ground that have been out over a year? How many blocks (two slaters working togother are called "a block") were ever worked at once? How many squares (100 square feet) do they average to a block? What price does roofing slate bring there? What is the freight? What money has been made there? What force could be used next year? What has been the principal market? Have slaters heen easily obtained, and at what rate? At what price would they contract? What is the price of labour? To these queries injunctions were added to examine the rubbish heap, to see whether the slate rubbish keeps its colour. Examine the slate by THE SLATE TRADE IN AMERICA,-The slate trade appears to be

[EXTRACTS FROM OUR CORRESPONDENCE.]

WEST MARIA AND FORTESCUE.—The rich ore-bearing part of the lode is not being carried at the shaft, but is standing to the north of it, as it did between the 50 and 60 fm. levels. Before Christmas the shaft will be deep enough for a 70 fm. Besides which there is the cutting of the Deron Great Consols lode (which has never yet been seen below the 50 in this sett), 14 fms. west of the 60 west. This lode, not 200 fms. off in the Deron Consols, gave in one year (1848) 72,000d, profit.

At OLD WHEAL BETSY (Lead) active preparations are being made in putting up stamps. It is intended to stamp and dress the old burrows—the accumulation of half a century, which it appears, from various assays taken, will pay well.—OLD TRIBUTER.

NANGILES.—The prospects here have considerably improved. They sold over 550% worth of tin for the quarter. These sales will increase, excluding good copper sales to come.

Great Caradon.—In the 70 fm. level the lodes are still improving, being 4 ft. wide, and rich for copper, lead, and blende.

VIRTUOUS LADY.—They have purchased a powerful crusher, which is to be at once erected for crushing the ore raised.

CWM DWYFOR (Copper and Silver-Lead),—The district in which these mines are situated is likely, it appears, to become one of the most celebrated in North Wales. The discovery of a rich silver-lead lode in proximity to the copper lodes in these mines was a complete surprise upon the mining world, as the country was so little known as favourable for lead, although one of the most prollied districts for copper in the United Kingdom, and copper also of the highest quality. It now appears that within the limits of the Drws-y-Coed Mine a rich silver-lead lode has also been discovered, which is being worked with great vigour. These lodes are adjoining and parallel with the Cwm Dwyfor lodes. The internet is obvious that we are on the eve of developing a new and rich mineral tract of ground, long known to be rich in copper, but in which histories are not more to the series of ore going down in the bot

at a very low ngure, in consequence of being knocked down by the "bears," who find shares scarce, the mine will soon tell its own tale by the sales of ore.

NANTEOS CONSOLS.—Many are the conflicting statements relative to this run of mines. I have known the property for near 30 years; first under the management of the Messrs. Taylor, then under Mr. T. P. Thomas, of London, and subsequent parties, all of whom returned large quantities of ore, yet got tired before a fortune could be realised. But strange after the lapse of many years that Mr. T. P. Thomas should again return, and almost by personal exertion recommence these same mines, and not without the sneer and ill-will of many; but if a practical man's opinion (and one who holds the management of a paying mine in the locality) can be of any service to the community, or to Mr. Thomas's would-be supporters, I beg to say, without fear of contradiction, that the appearances of the ore floors, &c., fine specimens of leadore, and in no small quantities, are really cheering and surprising at so recent a period of re-working. I firmly believe it a first-class property; and so, too, will be found the Eystumtean an adjoining mine, the property of our respected neighbour, Mr. Theodore Paull, whose success in mining would be pleasing intelligence to the whole county. The Eystumtean Mine has been held in high repute by the most experienced mining agents of this district for several years past, and it is firmly believed that a fair legitimate outlay would ensure success to the capitalist. I have no hesitation in stating that there has been as much lead ore sold from these run

THE CORNISH MINE SHARE MARKET.—The official notification of the reduction in the tin standard on Monday last, from its being previously anticipated and propared for, has exercised scarcely any influence either on the amount of business or the quotations of the Cornish Mine Share Market. Transactions have been effected throughout the week on a moderate scale in a good many mines, and on the whole, the few alterations which have occurred in the rates have mostly tended to support the opinion we expressed in our last report, that a more settled and more favourable state of the tin market may be reasonably looked forward to ere long.

A correspondent writes:—I have an idea that the Banca sale, as now held, is a complete bugbear in the tin market. I most heartily wish there was an end to it. Why not sell Banca tin as it arrives as well as Straits tin Why not sell all tin as brought into the market, as copper, lead, spelter, or any other metal is sold? I know no reason. If you know of one is hall be glad to be enlightened on the subject, for we have scarcely got over the fear of one sale, before we are pointed to another cloud charged with it in instead of water, arising in the eastern horizon, which is sure to deluge the county when its fearful contents are poured out upon us. Forty times at least have we been threatened in my day, but still we live; and I think we should live equally well, if not better, if the contents of the Banca cloud were poured regularly on us.

The affairs of Pendarves United are still, as can well be imagined, discussed with much freedom. From the best information we can glean they ought to reduce their returns of tin 18 or 20 tons per month. With good management they might then pay their working cost.

Helston is one of the most important tin mining centres of Cornwall. Much of this is due to the practical knowledge and business energy of Mr. Henry Rogers, the present mayor of that borough, who is a purser of a number of these mines, including Treworlis, Tremenheere, Trumpet Consols, East

TREATING ORES TO OBTAIN COPPER, &c.—Mr. WM. WRIGHT, of Mostyn, copper smelter, has specified an invention, which has for its object improvements in treating ores to obtain copper and other metals therefrom. For this purpose he takes any suitable ore, such as the refuse of burnt copper pyrites, and after reducing it to powder roasts or calcines it till all the sulphides of the metals are decomposed. It is then placed into tanks fitted with suitable false bottoms, and add weak muriatic acid and water, pumping it through until nearly all the copper is rondered soluble, then washed with water till all the soluble copper is washed out. The lead and sliver remain behind in the ore in the form of chlorides, which are readily dissolved by brine, and are then washed out, and afterwards precipitated with sulphide of sodium, or by any other well-known means, so that not only can the copper contained in the ore be obtained, but also the silver and lead, if any.

OBTAINING MALLEABLE IRON OR STEEL FROM CAST-IRON.—The TREATING ORES TO OBTAIN COPPER, &c .- Mr. WM. WRIGHT, of

OBTAINING MALLEABLE IRON OR STEEL FROM CAST-IRON.-The OBTAINING MALLEABLE IRON OR STEEL FROM CAST-IRON.—The invention of Mr. J. B. SPENCE, of Manchester, relates to that method of obtaining malleable iron or steel from east-iron which is now known as the Heaton process, or to other processes in which nitrate of soda, or other similar chemical salts, are used for oxidising substances combined with the iron, and consists in a method of using the said sait, whereby its decomposition is to a certain extent retarded. For this purpose he brings the nitrate of soda, or other sait, into a more or less so id body before the melted iron is allowed access to it. This solidification may be effected by pressure, by fusion, or by other means. The process of solidification may be effected in the chamber which is used for receiving the conceived iron, or in separate moulds, and Mr. Spence proposes to bind the edges of the consolidated acknot the sait to prevent its rising, or the passage of the metal beneath it by bevilled edges, projections, or other such means. In order when desired to weaken the power of the chemical agents he adds thereto any suitable diuents.

SAPETY EXPLOSIVE COMPOUND.—Mr. PERCY A. BLAKE, of Aber-

SAFETY EXPLOSIVE COMPOUND.—Mr. PERCY A. BLAKE, of Aberdeen Park, Highbury, has patented an explosive compound, the constituents of which are simply sulphur and chlorate of potash, in the proportions of about one of sulphur to two of chlorate of potash. These substances can be kept separately in a dry powdered state, and mixed by sifting when required. This mixture has been known for years to detonate when struck with a hammer, but was useless as an explosive agent, because it merely burnt slowly when fired by the ordinary fuses. The invention, therefore, consists in rendering this compound practically to explode by the use of a peculiar kind of detonating tube or percussion cap, which renders it exceedingly serviceable for torpedos, blasting, shells, blowing down palisades, and other similar appliances. The detonating tube to be employed is made of metal about an inch in length, and about 7-32 of an inch in diameter, the bore being about 2-32, but the inventor does not confine himself exactly to these dimensions, as a larger or smaller tube can be used for the purpose. First is introduced into it some of the compound, and well pressed down; next some fullmating mercury, and then a small quantity of detonating silver, and the rest of the tube may be filled up with meal powder. The end of the tube which is filled with the compound is to be placed in contact with the compound contained in the vessel to be fired, and the other end may be fired by any kind of ignition apparatus.

TREATING IRON ORES.—The invention of Mr. H. AITKEN, Falsick, SAFETY EXPLOSIVE COMPOUND .- Mr. PERCY A. BLAKE, of Aber-

TREATING IRON ORES.—The invention of Mr. H. AITKEN, Falyick, posists in coking or carbonising in contradistiction to roasting or calcining the on ores or ironstones in the open air on a platform or bed of clay, brick, stone, on, or other material, which may be situated horizontally or at angle to that osition (an angle of about 1 in 15 is preferred); or in place of using a platform, he iron ores or ironstones may be placed in an open casing on the top of a blast-trance, and when coked or carbonised dropped into the furnace, or they may breated in an open tower or kills.

FURNACES.—The invention of Mr. S. OAKMAN, of Boston, U.S.A., consists in combining with a smelting or other furnace a vacuum chamber, in which the exhaust is produced by mechanical means, the chamber being connected to the furnace by suitable flues, so that a proper draft may be maintained. This vacuum chamber has inlets over the ports of the furnace, so that the flame and heated products of combustion coming from the ports may be drawn into the vacuum chamber, and thus away from the workman.

the vacuum chamber, and thus away from the workman.

GENERATING STEAM.—The invention of Mr. W. R. LAKE, of Chancery-lane, relates to a furnace which may be used in a steam generator, or for many other analogous purposes, and it consists in placing within the fire-box of such furnace a chamber opening above the grate-bars through which the coal is fed, which coal, before falling apon the grate-bars, is exposed to the action of the heat evolved within the fire-box while retained in the chamber, above which is a cover for preventing the escape of the gases distilled from the coal, which may be utilised either by bringing them down in a pipe or pipes, and discharging them below the incandescent coke through which they will pass, or they may be conducted away in pipes to be utilised in another place.

UTILISING WASTE HEAT.—Mr. E. CROWE, of Middlesborough-on-tees, employs a boiler of two horizontal tubes arranged one over the other, and

UTILISING WASTE HEAT.—Mr. E. CROWE, of Middlesborough-on-Tees, employs a boiler of two horizontal tubes arranged one over the other, and connected by a number of upright tubes arranged as short distances apart along the horizontal tubes. The water line of the boiler is at the diameter of the upper tube or thereabouts, and the boiler below this line is enclosed in a chamber of brickwork, into which at one end the products from the furnace enter, and which at the other end is connected with the chimmer, so that the chamber is, in face, the flue of the furnace. The sides of the chamber at the level of the vertical tubes are corrugated so as alternately to approach and recede from the vertical tubes, so that the draught is caused to pass in an undulating direction. This causes it to impinge more effectually on the vertical pipes, and at the same time sufficient space is obtained for a man to pass through the chamber to clean it from time to time.—Mechanics' Magazine.

The New Vade Mecum (invented and manufactured by Charles IN NEW VADE MECUM (Invented and manufactured by Charles H. Vincent, optician, of 28, Windsor-street, Liverpool consists of a telescope weil adapted for tourists, &c., to which is added an excellent microscope of great power and first-class definition, quite equal to others sold at ten times the price. Wonderful as it may seem, the price of this ingenious combination is only 3s. 6d., and Mr. Vincent sends it (carriage free) anywhere, with printed directions, upon receipt of Post Office order, or stamps, to the amount of 3s. 10d.

ANOTHER CURE OF DISEASE OF THE LUNGS OF 10 YEARS' STAND-ING BY DR. LOCOCK'S PULMONIO WAPERS.—From Mr. D. Verrent, Coast Guard, Mountcharles, Donegal: "I am happy to say that they are all they are represented to be. I have a child who was affected in the lungs (for 10 years), and they are the only thing that have done him any good. I have tried all other means in vain."—They give instant relief to asthma, consumption, coughs, colds, and all disorders of the breath and lungs, and have a pleasant taste. Price is. 1½d. per box. Sold by all Medicine Vendors.

HOLLOWAY'S OINTMENT AND PILLS,—Judicious management, at trying seasons, is often a life's value; though it is impossible in this climate of changing temperature, rain, and fog to prevent ill health all together, yet its severity may be much mitigated, and its frequency may be incredibly diminished, by the early adoption of remedial measures. When hoarseness, cough, thick breathing, oppression or weight at the breast, and the attending slight fever, indicate irritation of the throat and chest, Holloway's cintiment should be rubbed upon the skin covering these parts without delay, and his pills should be taken in appropriate doses to promote its curative action, and to re-establish respiratory and circulatory harmony. No catarrhs or sore throats can resist these remedies, HOLLOWAY'S OINTMENT AND PILLS,-Judicious management, at

The Old Treburgett Silven and Lead

CAPITAL £30,000 IN 30,000 SHARES OF £1 EACH. First issue, 20,000, of which 10,000 fully paid up will be issued to the vendor; 5s. per share payable on application, 5s. on allotment, and the balance as required, or the full amount may at once be paid up.

DIRECTORS. W. G. CRAIG, Esq., Clydesdale House, Highbury New Park, N. D. EATON, Esq., 13A, Great Marlborough-street, London, W.

T. A. MASEY, Esq., 6, Crown Office Row, Temple, E.C. With power to add to their number from the general body of shareholders. BANKERS-THE CITY BANK, 5, Threadneedle-street, London, E.C.

CONSULTING MINING ENGINEER-DAVID FORBES, Esq., F.R.S., A.I.C.E., &c., 11, York-place, W. SECRETARY-J. H. TILLY, Esq., 1, Circus-place, London Wall, London, E.C.

This valuable mine, situate in the parish of St. Teath, Cornwall, was worked some thirty years ago, with great success, solely as a lead mine upon one lode only, and merely to the depth of 60 fathoms. The existence of true silver ore was not then recognised, as it did not occur along with the lead ore, but in the quartz side walls. A powerful 50-in. steam-engine has been purchased, and will forthwith be erected, which will enable the mine to be extended and worked in depth, and immediate results may be expected, on the mine being "forked," from the silver ore, for the most part left standing in the mine.

A specimen of the pure silver ore, picked up by Mr. David Forbes at the mine, gave 9-96 per cent., or 3253 ozs. 12 dwts. of fine silver to the ton, proving the existence of true silver ore in the mine, and a specimen of the lead ore as much as 69 ozs. 5 dwts. of silver to the ton

A ton of the silver ore, reduced by Messrs. Betts and Son, Birmingham, contained silver to the value of £28 per ton, and a parcel of the lead ore from the adit, without being crushed or dressed, forwarded to Messrs. Bath and Son, Swansea, realised at the rate of £24 a ton.

The directors invite special attention to the reports from Mr. DAVID FORBES, Mr. JEHU HITCHINS, Captain S. BENNETT, and Captain PHILP.

Prospectuses, reports, specimens of ore, and Articles of Association, can be seen at the offices of the company, as well as an agreement, dated the 25th August, 1869, made between John Henry Tilly, as trustee for the company, and Thomas Adair Masey.

THE OLD TREBURGETT SILVER & LEAD MINING COMPANY

(LIMITED).

The SHARE LIST of the above company will be CLOSED on SATURDAY, the 4th December next. The directors have purchased a powerful steam-engine, pumps, &c., which will be forthwith erected at the mine. J. H. TILLY, Secretary. 1. Circus-place, Finsbury.

WATSON BROTHERS' MINING CIRCULAR.

WATSON BROTHERS,

MINING AGENTS, STOCK AND SHARE DEALERS, &c. 1, ST. MICHAEL'S ALLEY, CORNHILL, LONDON.

It is a superior of the state o

ways count and an extensive connection among the largest holders of mining districts, and an extensive connection among the largest holders of mining MESSIS. WATSON BROTHERS having agents and correspondents in all the mining districts, and an extensive connection among the largest holders of mining property, have the more confidence in tendering their advice on all matters relating to the state and prospects of mines and mining companies, and are able to supply shares in all the best mines at close market prices, free of all charge or commission.

or commission.

SATTERDAY.—With the exception of a fall in Hingston Down, the narket is very quiet, and prices nominal. Hingston Down, 25s. to 27s. 6d.; Exatoveti, 19 to 19%; West Chiverton, 65 to 58; West Frances, 39 to 41; Crebor, 18. to 13s.; North Treskerby, 12s. to 14s.; Great Vor, 13% to 14; Great Laxey, 9 to 19%; East Caradon, 6% to 6%; Bwich Consols, 3 to 3%; Bronfordy, 3% to 9%; Australian United, 3% to 3%; Don Pedro, 4 to 4%; Prince of Wates,

536; Australian United, 334 to 336; Don Pedro, 4 to 434; Prince of Wales, 238. to 258.

Monday.—Good demand for East Lovell, which advanced to 2045 buyers. Bwich Consols, West Chiverton, Theroft, and North Treskerby also sought after. East Lovell, 2056 to 21½; Bwich Consols, 3 to 3½; West Chiverton, 5454 to 547½; Theroft, 19 to 20; North Treskerby, 138. to 158.; West Caradon, 208. to 258.; West Fances, 39 to 44; Crebor, 108. to 128. d.; East Ston, 1½ to 2; East Caradon, 6 to 6½; Australian United, 3½ to 3½; Don Pedo, 4 to 4½; Frontino, 218. to 238.; Chontales, 148. to 168.

TUESDAY.—Fair demand for East Lovell, Bwich Consols, West Chiverton, Prince of Wales, Chontales, and Theroft. Great Vor receded to 13, sellers; Basset flat, at 42½, sellers; East Lovell, 19½ to 29; Bwich Consols, 3 to 3½; West Chiverton, 36½ to 57½; Prince of Wales, 248. to 258.; Chontales, 158. to 178.; Theroft, 19 to 29; Great Vor, 12 to 13; Basset, 40 to 45; North Treskerby, 138. to 158.; Crebor, 108. to 128. 6d.; Greuville, 378. éd. to 408.; West Maria, 258. to 258.; Ston, 26 to 27; East Caradon, 6 to 6½; Australian United, 3 to 3½; Providence, 33 to 35.

Wednesday.—Market very quiet. East Lovell again in demand at 21 to 22.

138. to 15a.; Crebor, 10s. to 12s. 6d.; Grenvillo, 37s. 6d. to 40s.; West Maria, 26s. to 28s.; Steon, 28 to 27; East Caradon, 6 to 6½; Australian United, 3 to 3½; Providence, 33 to 35.

Wednessan.—Market very quiet. East Lovell again in demand at 21 to 22.
West Chiverton, 56½ to 57½; West Frances, 38 to 40; Basset, 40 to 45; Scton, 25 to 27; Tincroft, 10 to 20; Prince of Wales, 28s. to 28s.; Chiverton Moor, 3½ to 63; Australian United, 3½ to 33½; Blwch Consols, 3 to 3½; Bronfloyd, 3½ to 3½; Blwch Consols, 3 to 3½; Bronfloyd, 3½ to 3½; Lore Pedro, 4 to 4½; Taquaril, 12s. to 14s.; Chontales, 14s. to 16s.

THURSDAY.—Good demand for East Lovell, West Maria, Tincroft, and Caldbeck Fells at an advance. East Lovell, 22 to 23; West Maria, 27s. 6d. to 30s.; Tincroft, 10½ to 20½; Caldbeck Fells, 32s. 6d. to 35s.; Great Laxey, 19 to 20; Australian United, 3 to 3½; Great Vor, 13½ to 13½; Chiverton, 3½ to 33½; Crebor, 11s. to 13s.; Grenvillo, 36s. to 38s.; West Chiverton, 56½ to 57½; Princo of Wales, 23s. to 25s.; Bwich Consols, 3 to 3½; Bronfloyd, 3½ to 3½; North Treskorby, 12s. 6d. to 15s.

Faidax.—Good demand for Bronfloyd, 8½ to 3%; Bwich Consols, 3 to 3½; West Maria, Caldbeck Fells, 33s. to 33s.; Tincroft, 19¼ to 20½; West Maria, 30s. to 32s. 6d.; Caldbeck Fells, 33s. to 33s.; Tincroft, 19¼ to 20½; West Maria, 30s. to 32s. 6d.; Caldbeck Fells, 33s. to 33s.; Tincroft, 19¼ to 20½; West Chiverton, 56 to 58; Yan, 38 to 40; East Lovell, 22 to 23.

ROYAL POLYTECHNIC INSTITUTION.—This deservedly popular place anusement and instruction has just been enriched by Prof. Pepper's untiring forts to multiply and enhance its attractions—resulting in an entirely and startling success in the production of not only one "Pepper's Ghost," but several duplicates emanating from one, "and mysteriously returning to their efforts to multiply and enhance its attractions—resulting in an entirely new and startling auccess in the production of not only one "Pepper's Ghost," but of several duplicates emanating from one, "and mysterlously returning to their shadowy homes." These duplicate spirits are exceedingly fine in execution, shadowy homes." These duplicate spirits are exceedingly fine in execution, the most attractive are the floating figures which gracefully move round their original. On Saturday hat, when we witnessed a first representation, a gigantic skeleton was produced, dancing a "perfect cure" with its head in its boney hands, instead of the fool's cap. As a scientific achievement, which must have involved much study and labour, this skeleton was unique, its outlines being exceedingly well defined, and its evolutions perfect, but its fitness as an object of amusement was not approved of by that portion of the crowded audience which was not prepared to appreciate the merely scientific merits of its production. The theme for the introduction of the ghost illusions, with the many floating spirits and spectres, is founded on the old stirring romance, "The Mysteries of Udolpho," by Mrs. Radeliffe. Some of the scenic effects are excellent, and will be more so when some of the painted figures are improved, as it is promised they he more so when some of the painted figures are improved, as it is promised they Udoipho," by Mrs. Radeliffe. Some of the scenic effects are excellent, and will be more so when some of the painted figures are improved, as it is promised they shall be. On the whole, Professor Pepper and his coadjutor, Mr. Pichler, deserve great credit for the additions they have thus promised to the many other popular illustrations and performances which, no doubt, will attract large numbers of visitors to the Polytechnic during the approaching festive days.

Mining Correspondence.

BRITISH MINES.

BRITISH MINES.

ABERDAUNANT.—J. Roberts, Nov. 24: We have holed Rule's shaft with a borer, and let down the water. For the time being I have put the men that were cutting lead in the 10 to sink it through, which they will do by Saturday; on this being done I shall put in a tram-road in the No. 2 adit, so as to facilitate the bringing out of the stuff from the 10, as well as from the end in this level. There is no change in the lodes to report since last week, either at Rule's shaft or the stopes. The crusher is complete, and the launders bringing the water to the wheel are all finished; we expect to commence crushing on Saturday. I have set a contract at per cubic foot to excavate a piece of ground for a reservoir, in order to get a good supply of water, but I think we are likely to get sufficient until that is done.

BEDFORD UNITED.—J. Phillips, Nov. 25: We are driving by the side of the lode in the 103 fm. levels cast and west, 90 cast, and 75 fm. level cast. The lode in the winze in the 90 is from 4 to 5 ft. wide, worth 7 tons of ore per fathom. The lode in the 90 fm. level west is 4 ft. wide, worth 4 tons of ore per fathom. The lode in the 90 fm. level west is 4 ft. wide, producing 5 tons of ore per fathom. The pitches and stopes throughout the mine are yielding their usual quantity of ore.

BLUE HILLS.—S. Bennetts, J. Andrews, Nov. 20: In the 66 fm. level cross-cut north there are numerous branches and veins of lode-stuff, some 2 to 3 fms. wide; the north part, however, does not appear to have been cut; this is now being songhit for. The lode in the 60, west of cross-cut, is 6 ft. wide, and worth about 10t. per fathom. On the west side it does not seem so productive. A stope in the bottom of the 40, cast of the Polyear, contains a large lode, and some portions of it very good work, which will apparently pay well for taking away. The Claridge's lode, in the adlt end east, is again producing some very good thatuff, and is worth from 5t. to 6t. per fathom; this is a very promising part of the mine. Some littl

nine without alteration.

CAPE CORNWALL.—Richard Pryor, John Davey, Nov. 23: The indications
n the 100 cross-cut, north of engine-shaft, are as if we were near the lode; the
round is strongly mineralised. The 70 cross cut, south of engine-shaft, is let-

in the 100 cross-out, north of engino-shaft, are as if we were near the lode; the ground is strongly mineralised. The 70 cross cut, south of engine-shaft, is letting out more water.

CALDBECK FELLS.—P. Hawke, R. Trevarthen, T. Lamb, Nov. 19: We beg to report having met with in the north cross-cut, in the 20, from Lainton's engine-shaft, one or two small branches of quartz and mundie. We think, judging from the appearance of these feeders, that Dobson's and Silvergill lodes gog down more vertically, and will be reached in the 20 earlier than was at first anticipated, on account of the change in the underlie. The north lode in the judging from the appearance of these feeders, that Dobson's and Silvergill lodes gog down more vertically, and will be reached in the 20 earlier than was at first anticipated, on account of the change in the underlie. The north lode west, in the 10, is worth for blue lead 181, per fathom. The north lode west, in the 10, is worth for blue lead 161, per fathom. The end souther lode west, in the 10, is worth for copper and lead 201, per fathom. The end souther lode. The next sampling will be on Dec. 4, and not the 14th, as published in the last report: for the future we shall strictly adhere to this date as our sampling day.

CARADON CONSOLS.—S. Bennetts, Nov. 23: There is nothing further discovered in either of the cross-cuts. The Clymo's lode, at the 90, both east and west, maintains its width, from 3 to 3½ ft., and saying work throughout. The No. 2 lode in 'the 78 west is again opening out as it gets off the influence of the cross-cutse, is now about 1 root wide, composed principally of prian, peach, black and grey copper ore, and tin—altogether a most promising lode.

CHIVERTON.—J. Juleft, J. Borliase, Nov. 25: The new shart is down 2½ fms. below the 40 fm. level; the lode at this time is 2½ fms. east of the shaft, and underlying west towards it. The lode in the 40, north of shaft, is 3 ftc. wide, producing stones of silver-lead. The lode in the 60 worth of shaft, is 3 ftc. wide, or pa

and No. 3, 12 cwts. of lead per fathom. In Ward's shaft the ground continues favourable. All other points of operation are without change. We are busily engaged preparing for our sampling next week.

DEEP LEVEL.—No. 2: In the deep level going south, west on deep level well, the lode is 16 in. wide, consisting of limestone, spar, and spotted with lead ore, letting out water freely. The lode in the 204 yard level, west of Eyton's shaft, on Pant-y-Go venl, is 14 in. wide, composed of limestone, spar, and containing some nice spots of lead ore; the ground appears to be getting a little more favourable for driving than it has been lately. The two tribute pitches below this level, to the east and west of Eyton's shaft, are each worth 12 cwts. of lead ore per fathom. The three tribute pitches over this level, east and west of Eyton's shaft, are each worth the west of Eyton's shaft, are each worth of Pant y-Go shaft, is being pushed forward with all possible speed by six men; the ground is favourable for driving; we calculate to have about 20 yards more to drive at this point to reach the Pantyffith vein, as soon as that vein is intersected by the 174 we hope to lay open some pretty good tribute ground. The two tribute pitches below the 174, 100 yards west of Panty-Go shaft, are each worth 12 cwts. of lead ore per fathom. The pitch below the 174, 60 yards east of Panty-Go shaft, is worth 13 cwts. of lead ore per fathom, in soft ground. We are making good progress in re-opening the 14s yards level to the south of the north shaft, on the Pantyffith weln, the old level is quite full of stuff, and the timber very much decayed in places, but we are replacing it with new. Six men are also employed in re-opening the 14s to the north of the north shaft, which is full of sand and clay; there is a large stream of water coming from this level, which finds its way through the swallows to the deep level for a distance of 800 yards from where it leaves the Pantyffith vein. The drawing and dressing are going or regularly.

and dressing are going on regularly.

DOLWEN.—D. Evans, Nov. 25: We are still in the north lode, without any sign of the north wall; the end, however, is letting out more water, and the matrix is very congenial for lead ore.

DRAKE WALLS.—Thos. Gregory, Nov. 24: We are making satisfactory progress in forking the water from the bottom levels of this mine. When in fork we shall lose no time in putting out a cross-cut south in the 80 fm. level west to intersect the south the branches. The branches in the 50 fm. level west for Brenton's shaft, are worth 10t. per fathom, and opening a profitable run of tin ground. In the 60 fathom level, east of south cross-cut, the branches have improved, and are now worth full 15t, per fathom. We regard this as a good feature for the deeper workings in this mine. The various stopes are producing their usual quantities of tin, which leads me to hope for an increase in the samplings.

their usual quantities of tin, which leads me to hope for an increase in the samplings.

EAST NEW WHEAL LOVELL.—C. Bawden, Nov. 25: The two engine-shafts are being sunk with all speed; Bawden's is down between 9 and 10 fms. in good ground. The one sinking on the East Lovell lode is down about 5 fathoms, in ground precisely similar to that in which the rich course of tin (East Lovell) is embedded, and there is no doubt of finding a rich lode when cut at the intended 20. The engine continues to work well, and is in every respect a good one.

— Chas. Bawden, Nov. 26: Telegram: We have cut a lode in Bawden's shaft 3 ft. wide, containing good stones of tin and copper.

EAST PLYNLIMMON.—John Paull, Nov. 20: In the adit end, driving west from the River Wye, the lode is 3 feet wide, full of mundic and gossan of the most promising character. The engine-shaft is sunk 2 fathoms below this level, and rising to form the shaft through to surface now going on; we shall quickly accomplish this, as from the back of the adit it is only 7 fathoms through, but It will require timbering for most of the way. Preparations are being made for creeting the 25-ft. by 4-ft. water-wheel, for pumping and drawing, so that shus, ling below the adit will be resumed when the shaft between adit and surface to the ground has become much firmer, and progress at present is slow.

EAST ROSEWARNE.—C. Glasson, Nov. 26: In the 125 fathom level, west of King's shaft, the lode is 12 in. wide, worth 4, per fathom. In the 115 fathom level, west of shaft, the lode is improved since last report, now 18 inches wide, worth 81, per fathom. There is no change to notice in the 105 fm. level, west of shaft, the lode is no change to notice in the 105 fm. level, west of shaft, the lode is no change to notice in the 105 fm. level, west of shaft, the lode is no change to notice in the 105 fm. level, west of shaft, the lode is no change to notice in the 105 fm. level, west of shaft, the lode is no change to notice in the 105 fm. level, west of shaft, the lode is 10 fm.

worth 84, per fathom. There is no change to notice in the last very shaft, since my last report.

EAST SETON.—Joseph Vivian and Son, Wm. Thomas, jun., Nov. 25: In the 34, east and west of Cartwright's shaft, the lode in each end is 2½ ft. wide, composed of quartz, peach, mundic, and copper ore, the eastern end being now 2 fms. from shaft, and the western end about the same distance. In the winze under the 27 the lode yields 3 tons of copper ore per fm. In the 27 cast the lode is 3 ft. wide, composed of soft quartz, mundic, and copper ore. The winze under the 20 yields 3 tons of copper ore per fathom. East of Basset and final rod

under the 27 the lode yields 3 tons of copper ore per fm. In the 27 east the lode is 3 ft, wide, composed of soft quartz, mundle, and copper ore. The winzq under the 20 yields 3 tons of copper ore per fathom. East of Basset and ffix red shaft there is no change to report on.

EAST WHEAL GRENVILLE.—G. R. Odgers, W. Bennetts, Nov. 24: At the 120, east from the englue-shaft, the men are engaged driving through the cross-course; we hope in a few days to find the lode on the eastern side, where we had at the 110 a good lode for grey ore. The lode at the 65 east is 18 in, wide, and of much the same character as last reported. The lode at the 55 east is 2 feet wide, and worth 1½ ton of copper ore per fathom—a kindly lode. The lode at the 46 east is 15 in, wide, producing 1½ ton of copper ore per fathom. The lode in the 35, east from the rise, is 1 ft. wide, composed of gossan and quartz, with stones of copper ore. The stopes, &c., are producing about the same quantity of copper and the rise, is 1 ft. wide, composed of gossan and quartz, with stones of copper ore. The stopes, &c., are producing about the same quantity of copper and the research of the same time past.

EAST WHEAL LOYELL.—R. Quentrall, Nov. 24: I am much pleased to say that the mine is looking exceedingly well; there is no falling off in any part.

We sent to the smelting-house on Saturday last 17 tons 2 cwcs. 3 qrs. 15 ibs. of the EBURY.—F. Kiton, Nov. 23: I am expecting daily to reach the lode in the cross-cut, and I think we are on the footwall of the lode, for I have never sent the ground so hard as at present; it is mixed with branches, which contain spots of blende, and we cannot be far from the lode.

GAWTON COPPER.—G. Rowe, G. Rowe, Jun., Nov. 20: The ground in King's engine-shaft, sinking below the 82, has improved during the past week, and good progress is being made in sinking. The lode in the 82, east of said shaft, is yielding 2 tons of good quality or per fathom, and the ground improved for progress. The lode in Nichol's stope, in the botto

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for oper fathom. The look in the 70, cast of shaft, as worth I ton of ore per fathom, and the one of the 70, cast of Ferrell's winze, is worth from a rate of the fathom, and the one of the 70, cast of Ferrell's winze, is worth from a rate of the fathom. William's stope, in the back of the 70, cast and west of Nichol's winze, is worth 5 tons of ore per fathom. All other operations are progressing very satisfactority.

GLASGIST the 78 west to notice since my last report. I am glad to say we have list made a communication from this level to the winze in the bottom of the 65, making good ventilation, and opening some ore ground. I have just set on two stopes, worth 10, to 14, per fan, and cavy for working. We are making year gravurable. We have no change in the middle cross-cut yet. Harvers good or favourable. We have no change in the middle cross-cut yet. Harvers good or favourable. We have no change in the middle cross-cut yet. Harvers good or favourable. We have no change in the middle cross-cut yet. Harvers good or favourable. We have no change in the middle cross-cut yet. Harvers good or favourable. We have no change in the middle cross-cut yet. Harvers good or favourable. We have no change in the middle cross-cut yet. Harvers good or favourable. We have no change in the middle cross-cut yet. Harvers good or favourable. We have no change in the middle cross-cut yet. Harvers good or favourable. We have no change in the middle cross-cut yet. Harvers good or favourable change in the middle cross-cut yet. Harvers good or favourable change in the production of the favourable change in the middle cross-cut yet. Harvers good or favourable change in the production of the favourable change in the production of the favourable change in the favourable change.

GNAMENA—John Truscott, Nov. 17: The ground in Hillegoth of the favourable change in t

porteet; here the progress has been very slow, owing to the large quantity of y water, and the alterations that we have had to make in the pitwork, &c. The 204 fm. level is driven west of Ivoy's shaft is fms.; all this drivage has been on a productive lode, and the present end is worth 204. Per fathom. The 194 end, west of Ivoy's, is at present hard and poor. The 162 ond, west of Ivoy's, is now within about 8 fms. of being up under Edwards's shaft, and is on 1ode and branches of ft. wide, worth 304, per fathom. In the rise in the back of this level, which is close to the end, we have lode and branches to the same extent and value—304, per fathom; this rise is against the winze that is sunk a fms. 3 ft. show the 152, where we have lode and branches worth 354. Per fathom; this, when communicated, will lay open a good piece of in ground, but cannot be the strength of t

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ssible. We have a quantity of surface work now in hand, and the season of e year is somewhat against us, but we hope to get through the greater part of bath of the season of as a promising feature. The lode in the 50 west is not producing so much to year is somewhat against us, but we nope to get through the greater part of t by the end of the year. GWYDYR PARK.—W. Smyth, Nov. 23: The ground in the Gwyn Llifton deep

the year is somewhat against us, but we hope to get through the greater part of it by the end of the year.

GWYDYR PARK.—W. Smyth, Nov. 23: The ground in the Gwyn Lliflon deep adit is without change since last report, the lode shows strong spots of lead ore. In the Vucheslas deep adit can the ground is a little more favourable for driving. HARWOOD.—W. Vipond, Nov. 19: A iter driving from 2 to 3 fathoms of crosscut we have found the limestone in the position desired. The men are now making the ground good, laying down turn-rall, &c., and they will begin to drive next week to cut the Trough veins. I have let an ore bargain at Scar Head, at 77. 10s. per ton, up to May next.

HINGSTON DOWN CONSOLS.—J. Richards, Nov. 24: In the 140 west the lode is 6 ft. wide, composed of mundle, capel, quartz, and ore, worth fully 201. per fathom; the water still flows freely from the drivage, which is a most encouraging indication, and must eventually lead to a good course of ore. In the stope in the back of the 130 cast the lode continues worth 1½ ton of ore, or 61. per fathom. In the 110 west the drivage is still between two parts of the lode, and pretty good progress is being made; the water here is highly charged with copper, and indicates ore not far abead. In the winze sinking below the 100 west, which is now down 10 ft., the lode is sworth for length carried (9 ft.) quite 301. per fathom, with every probability of a continuance. In the rise in the back of the 100 west progress is slow, owing to the hardness of the ground. In the deep addt level south the ground is moderately favourable.

LISBURNE CONSOLS.—J. Pauli, Nov. 22: During the last month the Hendrefelln adit has been extended 6 ft. only; at this point the lode is all the width of the end (25 feet), containing spar, carbonate of line, impregnated with lead and copper ores. A tpresent we have four men driving this end, at 91. los, per fathom. The adit level on the Glogfach lode has been driven east of cross-cut, if mo, of the end west progress is slow of the sum of th

are a few places on the road to for the mine that will do for a mine that there may be as little delay as possible when the engine comes. We have pumps on the mine that will do for a short time before others can be a few places on the mine that will do for a short time before others can be a few places on the mine that will do for a short time before others can be a few places of the mine that will do for a short time before others can be a few places of the p best will pide 18, un per handen. He ties five weak the proof.—Strong Proper. These weak the word 2 close per factors. The strong was the proof of the proof. The weak the proof of the proof of the proof. The weak the proof of the proof. The weak of the proof of the

fathom; there is more water coming from the lode here, which may be regarded as a promising feature. The lode in the 50 west is not producing so much immunice as formerly; it is letting out at little water, and its general appearance indicates our being near the western part of the great cross-course.

OLD GUNSIELAKE, E.P. Philips, Nov. 21: Parkor's Shaft: There is no also indicates our being near the western part of the great cross-course.

OLD GUNSIELAKE, E.P. Philips, Nov. 21: Parkor's Shaft: There is no also indicated the consecutive of the ground centimes favor the lot fully maintains its kindly appearance, and the ground centimes favor the lot fully maintains its kindly appearance, and the ground centimes favor the lot fully maintains its kindly appearance, and the ground centimes favor the lot fully maintains its kindly appearance, and the ground centimes favor the lot fully maintains its kindly appearance, and the ground in the lot of the ground in the lot of the ground in the lot of the ground west in the ground in the lot of the ground was the ground of the ground in the lot of the ground in the lot of the ground water in the ground in the lot of the ground with the last much water.

Fig. 10 m. level west rise is but slightly productive, and lets out much water.—

Skimmer's Lode: The lot find in the lot of the ground centimes and the ground water.—

Fig. 11 m. level. The north lode in the 30 west is worth 131, per fathom. The part is lot of the ground in the lot of the ground centimes and the last worth 131, per fathom. The lode in the 31 worth 131, per fathom. The lode in the 32 worth 331, per fathom. The lode in the lot of the ground centimes and the lot of the ground centimes and the last worth 132, per fathom. The lode in the lot of the ground centimes and the l

S working by 12 men, at an average price of \$1.2s. 6d. per fathom—one is worth 16t., and the other 12t, per fathom. In the 63 west the lode is \$3\color{1}{2}\$ t. wide, composed of spar, blende, and mundle, with spots of ore. The men are now taking down the lode in Hichard's sharlt; it consists of spar, capel, blende, mundle, which the lode in the lode in Hichard's sharlt; it consists of spar, capel, blende, mundle, which the first of the lode in the lode in

men. The 14 fm. level cross-cut. north from this shaft (or 22 fms. from surface), is out 8 fms., and driving forward by six men; 70 × 8 fms. more will intersect the lode. In the adit level, going west, the lode is very large, producing occasional stones of lead ore.

[ADVERTISEMENTS.]

From Mr. Edward Cooke:—The present state of the tim market is far from satisfactory, owing to the temporary difficulties of certain parties engaged in the metal trade, and which was alluded to in the Journal of last trade, and which was alluded to in the Journal of last trade, and which was alluded to in the Journal of last two states of the loders of shares in the mines would be very unwise to allow themselves to be induced to sell their shares at the present low quotations. If the were to decline a further 32, per ton (but 14 on tot think that is probable) by two old scarce-ly justify the decline that has already taken place in the price of shares in several well-established tim mines, such as Great Wheat Vor, Providence, Wheat Margaret, &c. The present is a favourable opportunity to buy into these and other tim mines, East Lovett. Lahares have risen considerably. This is no more than the interest of the mines of the present price of the mines. East Lovett, with every prome in last Saturday's Journal. The lode continues very rich, with every prome in last Saturday's Journal, to expect an early discovery of tin in that very promising mine, the shares in which at the present price are well worth buying. The english has now been set to work, and the several lodes in this sett will have a fair trial. I have stated in the case of Old Wheat Lovel, which gave 189,000, to the shareholders from the state of the district (now one of the richest in Cornwall) is to produce tin very close to the surface. Sat New Lovel contains some bree to work and the present price of the state of the state of the shareholders in the same bades, and the present price of the state of the state of the shareholders in not recovery of the shareholders of the r

P.S.—Since the above was written, a telegram has been received from the manager of BAST New Lovell, announcing the cutting of the lode at the shaft.

From Mr. JAMES CROFTS:—There has been an average amount of business doing in the Mining Market during the past fortnight. Attention, however, has been mostly confined to a few concerns. Thin has again failen in price, in consequence of reported difficulties in connection with the great speculation at the last sale in Holland, and a report that a large amount of the metal had, therefore, been thrown on the market. However, it is now believed that a large portion of the stock has been secured, a better feeling has been apparent, and a reaction may be looked for at no distant time. The metal even at the reduced price is at a very remunerative figure, and higher than that of the corresponding time last year.

EAST LOVELL shares, notwithstanding the fall alluded to above, have risen, and stand at 21, 22, with a firm market. The lode still continues very rich, and the mine is making splendid returns of tin. Should they be kept up there is no doubt the shares will see again the price they attained before the late panic in them—28. GREAT VOR, on the other hand, have again declined, but close a little firmer, at 174, 13. This mine is especially sensitive to a fail of tin, the workings being very deep, uccessitating great pumping power, and, therefore, heavy cost. Phincs of WALEs are weaker at 24s. WEST CHIVERTON are susceptible of an advance from 56½ to 57½. MAIKE VALLEY are in the same position—dealings at 5%, 7½. GRENVILLE are safe at 37s, 39s. MARY ANN archeap at 16, 17. At present quotations they pay 18 per cent.; they belong to the category of mines selling below their value, and this includes also Ding Dong, South Darres, and Frank Mills. The latter are now paying over 20 per cent. Other shares to be looked after and watched are North Boskean, East Seton, West Lady, and North Croft.

Virguous Lady are now at 2½. In breaking some rocks of copper ore, one

ock, weighing more than 10 cwts., is reported to have been one-half clean cop er of the richest quality.

per of the richest quality.

At Great Royalton the adit has now nearly been cleared, and the wate drained. The works are being pushed forward as rapidly as possible, and on month after the engine goes to work there will be a good hatch of this mine has only been at work about seven to eight months, and yet, although it is a youn mine, immense quantities of tinstuff have been discovered, so great, indeed, a to necessitate the erection of a much larger amount of machinery to work it of a more extended scale than was at first contemplated. The shares are amongs the cheapest in the market, and the writer relierates his conviction that those who purchase now will see a handsome profit in the course of the next few months.

the cheapest in the market, and the writer relierates his conviction that those who purchase now will see a handsome profit in the course of the next few months.

BRITISH ENTERPRISE IN GERMANY.—The energy displayed by the Messrs, Mulvany in opening out the collieries in Westphalia, with which they have connected themselves, has long been fully recognised in that district, althou. h, owing to the habitual cautiousness of the Germans, there were many who predicted that their supply of funds would cease ere they attained success, and that the heavy expenditure made upon their responsibility by the Prussian Mining and Iron Works Company (Preussische Bergwerks und Hutten Actien-Gesellschaft) would create a bad impression upon the minds of English capitalists, and thus discourage British enterprise in Germany for the future. The mere thought of expending 300,000% in opening out a property, and in the meantime foregoing almost all returns, was looked upon as little less than madness; yet, from the report of the meeting of the company, held at Dusseldorf, on Nov. 15, and referred to in the Supplement to this day's Journal, it is evident that Messrs, Mulvany and their colleagues well understood their business, the vast establishment having more than covered expenditure during the year reported upon, whilst the present output is such that ample profits may be expected hereafter, and that, too, during the time that the priority obligations are being extinguished. The Erin and Hansa Collieries are now turning out close upon 500 tons of coal per day, and steadily increasing; the company's three blast-furnaces are now producing 90 tons of iron per day, and the yleld will soon amount to 100 tonsdaily; and the company hold rich mineral concessions, which can be profitably wrought as occasion requires. With affairs in such a position, and with such excellent prospects, it is not surprising that, notwithstanding the state of speculation in this country, one-half of the company's 5 per cent. Priority obligations were readily plac

Don Pedro Company.—Upon a subscribed capital of 53,313.7, there has been already returned in dividends no less than 151,0002., while the current aggregate market value of the property is something like 330,000. There have been raised nearly 700,000 oits, of gold, the gross proceeds of which amount to nearly 300,000. The difference between the divided profits (151,000.) and the actual profits (170,000.) is made up by the reserve fund of 7000., income tax upon dividends, preliminary expenses written off, balance at bankers, &c. At the meeting, yesterday (Mr. Henry Haymen in the chair), a dividend was declared for the three months ending September at the rate of 100 per cent, per annum upon the subscribed capital of the company, leaving 52552., and the profits for September, amounting to 3037., to be carried forward towards the next quarterly dividend. From the details of the meeting (reported in another column), it will be seen that the explanations afforded by the Chairman were received with the unanimous thanks of the shareholders.

DON PEDRO NORTH DEL REY GOLD MINING COMPANY (LIMITED)

At an EXTRAORDINARY GENERAL MEETING of the proprietors of the above company, held on Nov. 26, 1995,

pursuant to notice,—
HENRY HAYMEN, Esq., in the chair,

It was proposed by the Chairman, seconded by Samuel J. Wilde, Esq., and It was proposed by the Ulaiman, seconds of the control of the carried unanimously:—

"That an interim dividend of THREE SHILLINGS and SIXPENCE PER SHARE (being at the rate of 100 per cent. per annum), free of income tax, be and is hereby declared for the quarter ending Sept. 30, 1889."

52, Moorgate-street.

JOHN E. DAWSON, Managing Director.

NOTICE

NOTICE.

NOTICE.

THE VADA FREEHOLD PROPERTIES TRUST.—
The FINAL CERTIFICATES of this TRUST will be READY to be EXCHANGED for SCRIP CERTIFICATES on and after SATURDAY, the 27th inst.
The Trustees have also to notify that Major General MASON, one of the Trustees, was delegated by the Trust to proceed to Nevada to investigate the Title, and to take possession of the several properties of the Trust; and that he has transmitted a telegraphic despatch to this office to the following effect:—
"Title perfect; properties better than represented; took possession last Saturday; report forwarded.—Austin City, Nov. 23, 1869."

And Notice is hereby given that, pursuant to the prospectus of the Trust, a MEETING of the CERTIFICATE HOLDERS will be HELD at the London Tavern, in the City of London, on TUESDAY next, the 30th inst., at 1 o'clock, p.M., to appoint a Committee in the terms of the Trust Deed.

22, Moorgate-street, E.C., Nov. 25, 1869.

PONTGIBAUD SILVER-LEAD MINING AND SMELTING

The ORDINARY ANNUAL GENERAL MEETING of the shareholders of the above company will take place in Paris, at the offices of the company, No. 24. Rue Richer, on TUESDAY, the 30th day of November Instant, at Twelve o'clock

Rue Richer, on TURSDAY, the cent day of Advicements.

And an EXTRAORDINARY GENERAL MEETING will be held at the same place, immediately after the Ordinary General Meeting, to consider certain modifications of the "statuts." The qualification to take part in this meeting is the holding of twenty shares, which must be deposited at the offices of the company in Parls, or at the Agency in London, ten days before the meeting takes place. Shareholders may be represented by proxies at the meeting; but no one can be the bearer of a proxy unless he himself is the owner of twenty shares.

Shares.

Proxies must be upon French stamped paper, and according to the form which can be obtained at either of the offices of the company.

JOHN TAYLOR AND SONS.

London Agency, No. 6, Queen-street-place, Nov. 18, 1869.

PRUSSIAN MINING AND IRONWORKS COMPANY (Limited under Prussian Law). (PREUSSISCHE BERGWERKS- AND HUTTEN-ACTIEN-GESELLSCHAFT.)

BALANCE-SHEET UP TO 30TH JUNE, 1869.

Yulkan Iron Works	ACTIVA.						
Iron mines	1.—Immobile Property :—						
Hansa Colliery. 583,389 15 10 Erin Colliery 584,694 29 6 Zollern Colliery 489,589 4 5=2,000,117 14 7 2.—Engines, Machinery, Plant, Tools, and Furniture: Vulkan Iron Works 715,7946 23 11 Iron mines 75,572 28 10 Hansa Colliery 133,761 18 8 Erin Colliery 152,273 31 Head Office. 73,787 31 Head Office. 75,787 31 Hondian Tron Works 75,787 31 Head Office. 75,787 31 Hansa Colliery 10,847 3 0 Erin Colliery 7,486 3 9 Head Office 2,941 28 9= 218,680 19 2 Head Office 79,162 21 8	Vulkan Iron WorksThirs.	381,203	27	10			
Erin Colliery							
Zoilern Colilery 439,589 4 5=2,000,117 14 7 2.—Engines, Machinery, Plant, Tools, and Furniture:— Vulkan Iron Works 7hirs. 137,946 23 11 Iron mines 25,572 28 10 Hansa Colilery 133,761 18 8 Erin Colilery 95,342 15 11 Zoilern Colilery 113,237 3 11 Head Office. 30,582 25 9= 508,943 27 0 3.—Stock of Iron, Coals, Ores, and Materials, and Cash Account:— Vulkan Iron Works 7hirs. 163,531 12 5 Iron Mines 25,877 8 4 Hansa Colliery 10,347 3 0 Erin Colliery 10,347 3 0 Erin Colliery 7,486 3 9 Head Office 2,941 28 9= 218,680 19 2 4.—Sundry debtors 79,162 21 8							
2,—Engines, Machinery, Plant, Tools, and Furniture:— Vulkan Iron Works							_ 1
Yulkan Iron Works Thirs. 187,946 23 11 Iron mines 25,572 28 10 Hansa Colliery 133,761 18 8 Erin Colliery 95,842 15 11 Zoilern Colliery 113,237 8 11 Head Office 3,082 25 9= 508,943 27 0 3.—Stock of Iron, Coals, Ores, and Materials, and Cash Account:— Vulkan Iron Works Thirs. 163,531 12 5 Iron Mines 25,827 8 4 Hansa Colliery 10,847 3 0 Erin Colliery 8,096 22 11 Zoilern Colliery 7,486 3 9 Head Office 2,941 28 9= 218,680 19 2 4.—Sundry debtors 79,162 21 8	Zollern Colliery	439,589	4	5 = 2	,000,117	14	7
Yulkan Iron Works Thirs. 187,946 23 11 Iron mines 25,572 28 10 Hansa Colliery 133,761 18 8 Erin Colliery 95,842 15 11 Zoilern Colliery 113,237 8 11 Head Office 3,082 25 9= 508,943 27 0 3.—Stock of Iron, Coals, Ores, and Materials, and Cash Account:— Vulkan Iron Works Thirs. 163,531 12 5 Iron Mines 25,827 8 4 Hansa Colliery 10,847 3 0 Erin Colliery 8,096 22 11 Zoilern Colliery 7,486 3 9 Head Office 2,941 28 9= 218,680 19 2 4.—Sundry debtors 79,162 21 8	2.—Engines, Machinery, Plant, Tools, and Fu	arniture	:-				
Hansa Colliery 133,761 18 8 Erin Colliery 95,842 15 11 Zollern Colliery 95,842 15 11 Zollern Colliery 113,237 8 11 Head Office 3,082 25 9= 508,943 27 0 3,-Stock of Iron, Coals, Ores, and Materials, and Cash Account:—Vulkan Iron Works Thirs. 163,531 12 5 Iron Mines 25,827 8 4 Hansa Colliery 10,847 3 0 Erin Colliery 8,096 22 11 Zollern Colliery 7,486 3 9 Iron Colliery 2,941 28 9= 218,680 19 2 4,-Sundry debtors 2,941 28 9= 218,680 19 2 4,-Sundry debtors 79,162 21 8 1 2 2 2 2 3 2 3 3 3 3	Vulkan Iron WorksThirs.	137,946	23	11			
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Zollern Colliery 113,237 3 11 Head Office. 3,082 25 9= 508,043 27 0 3.—Stock of Iron, Coals, Ores, and Materials, and Cash Account:— Vulkan Iron Works 7. Thirs. 163,531 12 5 Iron Mines 25,827 8 4 Hansa Colliery 10,847 3 0 Erin Colliery 8,096 22 11 Zollern Colliery 7,486 3 9 Head Office 2,941 28 9= 218,680 19 2 4.—Sundry debtors 79,162 21 8							
Head Office. 3,082 25 9= 608,043 27 0 3,—Stock of Iron, Coals, Ores, and Materials, and Cash Account:— Vulkan Iron Works							
3.—Stock of Iron, Coals, Oros, and Materials, and Cash Account:— Vulkan Iron Works	Zollern Colliery	113,237					
Vulkan Iron Works	Head Office	3,082	25	9-	508,943	27	0
Iron Mines	3 Stock of Iron, Coals, Ores, and Materials,	and Car	h A	Accoun	nt:-		
Hansa Colliery	Vulkan Iron Works	163,531	12	5			
ErIn Colliery. 8,096 22 11 Zollern Colliery. 7,436 3 9 Head Office. 2,941 28 9= 218,680 19 2 4.—Sundry debtors 79,162 21 8	Iron Mines	25,827	8	4			
Zollern Colliery. 7,486 3 9 Head Office. 2,941 28 9= 218,680 19 2 4.—Sundry debtors 79,162 21 8	Hansa Colliery	10,847					- 1
Head Office 2,941 28 9= 218,680 19 2 4.—Sundry debtors 79,162 21 8	Erin Colliery	8,096					
4.—Sundry debtors	Zollern Colliery	7,486	- 3	9			
	Head Office	2,941	28	9==			2
(Total	4.—Sundry debtors	*******			79,162	21	8
	(Total		m		204 004		-

166,607 25 7 143,658 19 4 151,968 3 0 122,376 25 4 30,983 9 2 390 0 0

TotalThirs. 2,808,904 22 5 THE DIRECTION : THS. J. MULVANY.

Audited, and found correct and corresponding with the books, THE COMMISSION OF AUDIT: H. C. CRUYS; GUSTV. ARNDT. orf, November, 1869.

With this week's Journal a SUPPLEMENTAL SHEET is given, which contains: Prof. Smyth's Lectures at the Royal School of Mines—Original Correspondence: Coal-Breaking Machinery Mines—Original Correspondence: Coal-Breaking Machinery (J. Jones, S. P. Bidder); Notes on Coal Mining in Monmouthshire (M. B. Gardner); the Channel Passage; International Communication by Crossing the Channel (W. Austin); Mineral Wealth of Spain (H. Sewell); On the Assays of Silver Ore, No. IV. (T. L. Phipson); East Wheal Lovell; Mining in Cardiganshire (S. Trevethan); Mining in North Wales; Nanteos Consols Mines; Virtuous Lady Mine (T. J. Barnard)—Meetings of Public Companies: Prussian Mining and Iron Works Company; Governor and Company of Copper Miners in England—Review: The Science of Investment (Messrs, Tredinnick and Co.)—Mineral Resources of Ireland, the Donegal Granites, &c. -Mineral Resources of Ireland, the Donegal Granites, &c.

With last week's Journal a SUPPLEMENTAL SHEET was given, With last week's Journal a SUPPLEMENTAL SHEET was given, which contains—Prof. Smyth's Lectures at the Royal School of Mines—J. Grafton Jones's Machine for the Prevention of Colliery Explosions (illustrated)—J. and J. Hyde's "Perfect Safety-Lamp"—Salt Bed at Middlesborough (W. H. Peacock's Paper, read before the Cleveland Literary and Philosophical Society)—Original Correspondence: Strolls in the Black Country; Iron Works and Coal Mining in Monmouthshire (M. B. Gardner); Experiments with Safety-Lamps; Chemistry of the Mine; North Treskerby Mine (R. Pryor); Copper Mining in Cornwall; On the Assays of Silver Ores, No. III. (T. L. Phipson); Rich Silver Ores of Old Tre burgett (R. Talling); Mineral Wealth of Spain, No. IV. (B. H. Howarth); New Quebrada Company; Rosewall Hill and Ransom Mines, &c.

The Mining Market; Phices of Metals, Ores, &c.

METAL MARKET-LONDON, Nov. 26, 1869.

COPPER. & s. d. & s. d.	IRON. Per ton.
Best selectedp. ton 74 0 0- 75 0 0	Bars Welsh, in London 7 0 0-
Tough cake and tile 73 0 0- 74 0 0	Ditto, to arrive 7 0 0
Sheathing & sheets. 78 0 0-	Nail rods 7 5 0
Bolts 78 0 0	Staffd, in London 8 10 0-9 0 0
Bottoms	Bars ditto 8 7 6- 9 0 0
Burra Burra 73 0 0- 73 10 0	Hoops ditto 9 0 0-10 15 0
Wireper lb. 0 10 - 010%	Sheets, single 10 0 0-12 0 0
Tubes 0 0 1136- 1 0	Pig No. 1, in Wales 3 15 0-4 5 0
	Refined metal, ditto 4 0 0-5 0 0
BRASS. Per 1b.	Bars, common ditto 6 5 0- 6 10 0
Sheetsper lb. 81/4d9d.	Do. mrch. Tyneor Tees 6 10 0-
Wire ,, 8d	Do., railway, in Wales 7 5 0-7 10 0
Tubes , 101/2d111/2d.	Do., Swed. in London. 10 5 0
Yellow Metal Sheath.p. lb. 61/4d7d.	To arrive
Sheets , 61/2d	Do. f.o.b. Tyne or Tees 2 9 6-
	D- 37 0 1 4 - 1 - 0 0 0 0 0
SPELTER. Per ton.	Railway chairs 5 10 0- 5 15 0
Foreign on the spot £19 15 0-20 0 0	, spikes11 0 0-12 0 0
,, to arrive 19 15 0-20 0 0	Indian Charcoal Pigs,
ZING.	in London, p. ton 6 0 0- 6 10 0
In sheets£24 0 0	
TIN.	STEEL. Per ton.
English blocks	Swed., in kegs(rolled)14 0 0
Do., bars(in bris.)124 0 0	, (hammered) 14 15 0-15 5 0
Do., refined130 0 0	Ditto, in faggots15 15 0-16 0 0
Banca (nom.) £112 0 0-114 0 0	English, spring19 0 0-23 0 0
Straits(nom.) 114 0 0	QUICKSILVER (p. bottle) 6 17 0
TIN-PLATES.* Per box.	LEAD. Per ton.
IC Charcoal, 1st qua. 1 6 0-1 8 0	English Pig, com18 17 6
IX Ditto, 1st quality 1 12 0-1 14 0	Ditto, LB
IC Ditto, 2d quality 1 4 0-1 6 0	Ditto, WB20 5 0
IX Ditto, 2d quality 1 10 0- 1 12 0	Ditto, sheet19 10 0
IC Coke 1 2 6-1 3 6	Ditto, red lead20 0 0-20 10 0
IX Ditto 1 8 6-1 9 6	Ditto, white27 0 0-30 0 0
Canadaplates, p.ton 13 10 0	Ditto, patent shot 22 0 0
Ditto, at works 12 10 0	Spanish
* At the works, 1s. to	
Pruspys -It connot be said th	at any material improvement has
REMARKS.—It cannot be said th	nat any material improvement has

taken place in the Metal Market during the past week. A few orders have been given out, some of them for fair quantities, but generally the market has remained in the same lifeless and inanimate condi-

REMARKS.—It cannot be said that any material improvement has taken place in the Metal Market during the past week. A few orders have been given out, some of them for fair quantities, but generally the market has remained in the same lifeless and inanimate condition which it has exhibited during the present provement occurring during the remainder of the present year, which there now seems overy likelihood will close under circumstances of considerable depression. We trust, however, that with the spring of next year, at all events, a much improved condition of the metal trade will be inaugurated, and a permanent recovery take place from the unsatisfactory condition which the trade has presented more or less throughout the present year. Prices have remained much the same during the week, with the exception of the metal referred to in our last report, which has continued its downward course, and there now appears every probability that we shall see much lower prices still, as it is not at likely that any recovery will take place, at all events, for some time to come. The intelligence from America, in a commercial point of view, is by no means satisfactory: it appears that the late panio on the Gold Exchange has exercised an unfavourable influence upon many parties engaged in mercantile pursuits, several failures having been already announced, and it is feared that others will followere long. It could not be otherwise than expected that something of this kind should occur after the excitement of late events had somewhat passed off. We trust, however, that it may not be so serious as it at present appears. The opening of the Suez Canal is an event of great importance, and one which will, doubtless, have a lasting influence upon the commerce of the world.

COPPER.—Advices have been received from Valparaiso, dated Oct.17, reporting the charters to Oct. 15 to be 500 tons bar and 1300 tons ore and regulus. Notwithstanding the smallness of this quantity, however, the market remains inactive. English is obtainable under s

hat easier.
TIN.—The market for foreign has been rather unsettled, but since the announcement that arrangements have been made by which and the tin held by a house which had been in difficulties, amounting, it is said, in all to about 1600 tons, part to arrive, will be taken by parties who have advanced upon it, at the rate of 114L per ton, a rather better feeling has been evinced, as it is considered that this arrange better feeling has been evinced, as it is considered that the market will ment is very satisfactory, and the probability is that the market will be strengthened thereby. Previous to this arrangement, Banca had been sold at 110l. to 112l.

SPELTER.—The market remains inactive. The quotation for par-cels on the spot is 191, 15s, to 201., at which sales are reported to have taken place.

AVE taken place.

Tin-Places.—No improvement has occurred in the demand.

STEEL.—Very little stock of foreign now here.

QUICKSILVER.—Still rather better business doing.

THE IRON TRADE—(Griffiths' Weekly Report).—The Egyptian Government have given out a contract this week for a floating pier at the Red Sea end of the Sues Canal, which will consume 4000 to 5000 tons of plates and angle bars, but as the contract is given to a French house this large order for iron will, no doubt, be taken by the French ironmasters; however, it has justly been stated by good authority that the trade here is much influenced by the action of the French and Beigian masters, therefore this large order, whether given out here or there, will largely increase the commitments of the makers to the present

prices, and improve the prospects of the trade accordingly. Our market remains steady, with no change worthy of note since our last report; the demand continues to favour angles, ship-plates, boiler-plates, and marked bars of North and South Staffordshire makes, for which list rates are obtained. Tin-plates continue flat.—75, Old Broad-street, London, Nov. 26.

THE COPPER TRADE.—Messrs, James and Shakspeare—By private contract sales of ore have been made at 13s. 4½d, per unit, some of the Swansea smelters giving a preference to this class of furnace stuff, and are even said to have paid 13s. 6d, for a special parcel. Regulus is dull at 13s. 3d., only one transaction being reported at this figure. Business has been spoken of in bars as low as 66l. 10s., but later on 5s. and 7s. 6d, per ton advance thereon was paid, and, as a rule, holders have been firm at 67l.; owing to many of the lots being in second hands it is difficult to trace the quantity sold, or in all instances, especially at the lowest figures, the correctness of the reports. On Nov. 23 the Magellen steamer arrived from Vaiparaiso, bringing about 500 tons of bars to Liverpool, the charter for which had not been then advised. On Nov. 25 the telegram was known, and it gave the charters for the first forthight in October as equal to about 1800 tons pure, of which the 500 tons bars just mentioned constituted a part, the remainder being in ore and regulus. Australian sorts are neglected; rumours were current of sales made in Wallaroo and Burra cake, from speculative holdings, at 73l., but the only transaction at a low figure, and positively known, was in the latter brand at 73l. 5s. per ton; for Wallaroo ingots 75l. has been paid. Vezy little doing in English, a moderate business having transpired in well-known marks of tough from second hands at 70l. and 70l. 10s. per ton. THE COPPER TRADE. - Messrs. James and Shakspeare - By private

Messrs. Vivian, Younger, and Bond—The business done this week has been under the recent average. A small quantity of Chill bars, perhaps about 300 tons, has been reported as sold for cash at from 68. 10s. to 68. 17s. 8d., according to brands. A cargo of regulus has been purchased at 13s. 3d., and some ore at 13s. 4½d. Further sales of Burra are reported at 73l., and Wallaroo at 73l. 10s. English raw copper continues in small request, and second-hand lots of tough have been sold at 70l. 10s. in the docks. On the 25th inst. telegrams were received from Chill advising charters for the first half of October of 1800 tons pure copper—500 tons in bars and ingots, and 1300 tons pure copper in ores and regulus. On receipt of this news holders became firmer, and 67l. is now the lowest cash price for bars.

Messrs. Henry Rogers, Sons, and Co.—There is a strong disposition in some quarters to unduly depress this article, and, as legitimate demand is, for the moment, very light, the movement may succeed. Sales of bars have before reported as low as 661. 10s.; regulus, 13s.; inde australian, 73s.; and best brands of English tough, 71l. These low quotations from day to day of necessity alarm weak holders, and, no doubt, produce sales, whereas from the West Coast advices received by the two last malls there has been every reason to hope that copper had touched its lowest point. Speculation in the metal has quite died out, and, as no special demand is likely to occur for the rest of this year, it is not unlikely that those interested in bringing about a lower range of prices may for some little time have the market to themselves. Telegrams are at this moment to hand giving the charters for first half of October at 1800 tons fine copper.

The MINING SHARE MARKET has been more active this week, and in one or two stocks a large amount of business has been transacted. The chief shares dealt in have been East Lovell, Australian United, The chief shares dealt in have been East Lovell, Australian United, Bwlch Consols, PrInce of Wales, Chontales, Tincroft, West Maria and Fortescue, Basset, Great Vor, Crebor, Wheal Grenville, West Chiverton, North Treskerby, West Caradon, Bronfloyd, Marke Valley, and a few others. The standard for copper ores declined 24, 15s, on Thursday, when the sale of ores (2628 tons) realised 12,6694. 6ts, East Lovell shares have been in good demand, and have risen 24, per share, and leave off 22 to 23. Bedford Consols, 2½ to 2½; Bedford United, 30s. to 32s. 6d.; Caldbeck Fells, 32s. 6d. to 35s.; Chiverton Moor, 3‡ to 4; Chontales, 15s. to 17s. 6d.; Cook's Kitchen, 13 to 13½; Ding Dong, 23 to 25; Dolcoath, 125 to 130; Don Pedro del Rey, 4 to 4½; East Caradon, 6 to 6½; East Gunnislake, 35s. to 40s. Prince of Wales, 23s. to 25s.; at the quarterly meeting, held on the 26th, the accounts showed a profit of 40s4. 5s. 6d., a cash balance in hand of 24214. 1s. 6d., and a statement of assets over liabilities of 19454. 8s. 1d. This statement does not include October-ores sold last week, nor the

accounts showed a profit of 408£ 5s. 6d., a cash balance in hand of 2421£, 1s. 6d., and a statement of assets over liabilities of 1945£, 8s. 1d. This statement does not include October-ores sold last week, nor the October cost payable this week, and on which there was a profit of about 150£ to 175£. A dividend of 1s. per share was declared. Since the last meeting the lode has been cut in the 77, worth 5½ per fm. east, and 6½ per fm. west; when first cut in the level above the lode was of no value. Particulars of the meeting, however, will be found in another column. East Seton, 1½ to 2; Frank Mills, 3½ to 3½; Great Laxey, 19 to 19½; Great North Laxey, 17s. 6d. to 20s. Great Wheal Vor shares have declined to 12½, 13½.

Marke Valley, 6½ to 7½; the ends on Marke's lode are now worth 4½ tons of copper ore per fathom. Sarum lode is worth 3 tons per fathom, and Rose Down lode 11 tons per fathom. At West Rose Down the branch east, in the 85, is worth 1 ton per fathom; test, 1 ton per fathom. The Rose Down lode, in the 90 west, is 3 to 4 ft, wide, yielding from 1 to 2 tons per fathom. Mineral Bottom, 2½ to 3; New Lovell, 27s. 6d. to 32s. 6d.; North Crofty, 1½ to 2. At 60-namena, Venning's lode, in the 138, is worth 2 tons of ore per fm.; winze, 2½ tons. The stope in the back is worth 3 tons, and the stope in bottom 3 tons. Redmoor, 15s. to 17s. 6d.; the lode in the 25 west is improving, and worth 18½ per fathom. Bronfloyd, 3½ to 3½; the mine is reported as having improved. Bwich Consols, 3 to 4; this mine has again sold 50 tons of lead ore for the month. North Treskerby, 12s. 6d. to 13s. 6d.; Okel Tor, 9s. to 11s.; Princess of Wales, 5s. to 7s. 6d., call paid; Providence Mines, 33 to 35. South Darren, 1½ to 2; at the meeting a dividend of 2s. 6d. per share was declared. Spearn Moor, 18 to 20; Taquaril Gold, 12s. to 13s. Tincroft shares have advanced to 19½, 20½. Van, 38 to 40; West Caradon, 17s. 6d. to 22s. 6d.; West Frances, 37 to 39; West Seton, 175 to 180; Wheal Basset, 35 to 40; Wheal Chiverton, 2½ to 3; Wheal Creb Trelawny, 4 to 5. West Maria and Fortescue share from 26s. to 31s., 33s. Hingston Down, 25s. to 30s.

The Market for Mining Shares on the Stock Exchange has been inactive, and there is nothing special to note. There have been a few exceptions, in which a rather considerable business has been transacted, but prices as a rule have remained without material alteration. At the present moment the Pacific Mining Company, which is on the eve of being brought before the public, is creating a great deal of attention. A very large and influential meeting was held on Thursday, at the London Tavern. Mr. Batters (the Chairman on the occasion) gave an account of the negociations and purchases of the various properties of which the company is composed, the amount paid for them, and their present and prospective value. A full report will be found in anothor column. The whole of the shares have been applied for The following are the closing prices:—Frontino and Bolivia, 21s, to and their present and prospective value. A full report will be found in anothor column. The whole of the shares have been applied for. The following are the closing prices:—Frontino and Bolivia, 21s. to 22s.; Chontales, 14s. to 16s.; Don Pedro, 3½ to 3½ prem.; St. John del Rey, 16½ to 17; Anglo-Argentine, ½ to ½ dis.; Anglo-Brazilian, 3-16ths to 1-16th dis.; General Brazilian, ½ to ½ prem.; Port Phillip, ½ to ½ prem.; Rossa Grande, I to 1½; Pestarena, I to 1½; United Mexican, 3½ to 4½. In British descriptions Van shares are firm, at former quotations; the mine continues to improve; the works in the new portion are opening out most satisfactorily, and not inferior in indications to that of the older workings. East Lovell shares have been dealt in at an advance of 3½ above last week's prices; it is reported that the mine is looking better again; shares close 21½ to 22. Van shares, 38 to 40; Great Wheal Vor flat, at 12½ to 13½; West Chiverton, 56 to 57; Chiverton, 3 to 3½; Chiverton Moor, 3½ to 3½; East Caradon, 5½ to 6½; West Caradon, ½ to 1½; Marke Valley, 6½ to 7½: Great Laxey, 19 to 19½; Wheal Seton, 25 to 27½; East Seton, 36s, 3d. to 38s, 3d.; Hingston Down, 22s, 6d. to 27s, 6d.; Prince of Wales, 24s, to 26s.

The PACIFIC MINING COMPANY, whose shares are quoted 111 to 12½, held a very influential meeting (particulars of which will be found in another column) at the London Tavern, on Thursday, to hear Mr. Batters's statement in regard to the mines purchased by him in California and Nevada—Lander Hill, Union Hill, and Buckeye Hill—and which he proposed to form into a limited company, in 15,000 shares of 10ℓ, each. The profits at present making by these mines he estimated at 2500ℓ, per month, equal to a quarterly dividend of 10s, per share; and Captain Barratt and other agents who have inspected the mine gave it as their opinion that the prospects warranted the expectation of much greater profits in future. The total capital of the company, 150,000ℓ, was at once subscribed for, and the shares are at a premium of 1½ to 2. From a Californian paper of Oct. 30 the return from Lander Hill for one week is given as 15,378 ozs, of silver bullion.

The OLD TREBURGETT SILVER AND LEAD MINING COMPANY to

The OLD TREBURGETT SILVER AND LEAD MINING COMPANY, to The OLD TREBURGETT SILVER AND LEAD MINING COMPANY, to the formation of which, with a capital of 30,000L, in shares of 1L each, reference has already been made in the Journal, has been well received by the public, the number of shares already taken being sufficient to enable the directors to give notice that the subscription list will be closed on Dec. 4. The discussion to which the proposition to turn the Cornish fahlers to commercial advantage gave rise is a slight advance in the standard.

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considered to have proved beyond question that the ore is really valuable, and it is confidently anticipated that the working of fahlerz and the minerals associated with it in Cornwall will prove quite as remunerative as the working of the rich fahlerz mines of Scanding of the rich fahlerz mines of the ri navia. The ore has been analysed both by Mr. D. Forbes, F.R.S., and by Dr. T. L. Phipson, and their analyses leave no doubt that the working of ore similar to that investigated by them would ensure success, regardless of the district in which it might be mined.

At Redruth Ticketing, on Thursday, 2628 tons of ore were sold, realising 12,0691. 16s. The particulars of the sale were—Average standard, 95t. 1s.; average produce, 7\frac{1}{4}; average price per ton, 4t. 12s.; quantity of fine copper, 203 tons. The following are the particulars of the sales during the past month:—

Date. Tons. Standard. Produce. Per ton. Per unit. Ore copper.
Oct. 21 . 2719 . £103 1 0 . 6\frac{1}{4} . £3 16 0 . . . 11s.11d. . . £59 14 0

"28 . 1994 . 92 11 0 . 8\frac{1}{4} . . £3 16 0 . . . 11s.11d. . . £59 14 0

Nov. 4 . 1356 . 97 13 0 . 7\frac{1}{4} . 4 6 0 . . . 11 11 . . 59 9 10 6

"18 . 3757 . 104 15 0 . 6\frac{1}{4} . . . 318 6 . . 12 4 . . . 61 10 0

"25 . 2628 . 95 1 0 . 7\frac{1}{4} . . . 4 12 0 . . . 11 11 . . . 59 9 0

Compared with last week's sale, there has been a decline in the standard of 2t. 15s., and in the price per ton of ore about 3s. 8d.

Compared with the corresponding sale of last month, there has been Compared with the corresponding sale of last month, there has been

The Standards of Tin Ore are now as follows:—Common, 109s.; superior common, 110s.; fine, 111s.; superior fine, 113s.

At Botallack Mine meeting, on Nov. 19, the quarter's accounts showed a profit of 10741, 2s. 6d. A dividend of 12001. (6t. per share) was declared, leaving the credit balance 9851, 16s. 3d.

At Wheal Owles meeting, on Nov. 19, the accounts for three months, ending Sept., showed a profit of 3701. 18s. A dividend of 4001. (31. per share) was declared, leaving the credit balance 1941. 18s. 7d. Work performed during the quarter:—155 fms. 0 ft. 7 in. driven in levels, and 44 fms. 0 ft. 3 in. sunk in shafts and winzes; 49 pares stoping for tin on tutwork, and 20 pitches working on tribute.

At Wheal Jane (Kea) meeting, on Monday (Mr. Chas. Hawke in the chair), the accounts for July and August showed a credit balance of 11381, 15s. 6d.
The profit on the two months' working was 893. 5s. A dividend of 7681, (11. 10s. per share) was declared, and 370. 15s. 6d. carried to the credit of next account. Captains W. Gilles and W. Gilles, jun., reported upon the various points of operation. They say they have a good and lasting mine, and a fair prospect that the future will continue to be satisfactory.

At South Darren Mine meeting, on Thursday (Mr. Swonnell in the chair), the accounts for the six months showed a credit balance of 18081. 3s. 4d. It was announced that the warrants for the dividend of 7501. (2s. 6d. per share) would be sent out shortly. The report will be found in another column.

At West Basset Mine meeting, on Wednesday, the accounts showed—Balance carried over from last meeting, 13731. 3s. 2d.; costs for August and September, 28081, 19s. 10d.; advance on tribute, 1561.; boundary costs on account, 2504.; royalty, 1621. 7s. 10d.; sundries, 201. 18s. 7d.—47701. 9s. 5d.—Copper ores 5old, 9541. 12s. 10d.; tin ores 5old, 16321. 10s. 3d.; advance on tribute, 1501.; balance, 20321. 6s. 4d.—17701. 9s. 5d. A call of 13s. per share was made.

At the Governor and Company of Copper Miners in England special general Court, on Wednesday (Sir R. M. Stephenson in the chair), it was unanimously resolved that Sir R. M. Stephenson be elected Governor in the room of Mr. Haslewood, deceased, and that Mr. Harman be elected Deputy-Governor. The details of the extraordinary general Court (held last week) appear in the Supplement to this week's Journal.

The Cape Copper Mining Company, at a directors' meeting held yesterday, declared an interim dividend of 15s, per share, payable on Dec. 6, free of income tax, out of the profits of 1868 realised to date, the ore arrived up to present time having been 2142 tons, out of the 6537 tons raised during that year.

At the Imperial Silver Quarries Company adjourned special meeting, on Monday (Lord Ranelagh in the chair), the directors were requested to convene a special meeting for Dec. 6, for the purpose of carrying out the scheme of re-construbtion recommended by the committee of shareholders and endorsed by the board. Details in another column.

At the Gold Mining Company of Yuba meeting, on Thursday (Mr. H. E. Ormerod in the chair), the necessary preliminaries were agreed to. Details in another column.

At the Norwegian Charcoal Iron Company meeting, on Nov. 16, Mr. Wm. Pare, the liquidator, stated that, "having in view the present position and prospects of the company, I think a favourable liquidation may be reasonably anticipated." It was unanimously resolved that "the thanks of this meeting be given to the liquidator for the great care and attention bestowed by him on the affairs of the company, and for the manner in which the liquidation is being conducted."

COAL MARKET .- This week brought us an arrival of 113 ships,

COAL MARKET.—This week brought us an arrival of 113 ships, and to effect sales a reduction in house coals of about 1s, per ton was submitted to; this had the effect of entirely clearing the market, which closed to-day with a slight upward tendency. Hartley coals quote a reduction of from 3d, to 6d, per ton. South Hetton Wallsend, 19s.; Hawthorn Wallsend, 16s. 6d.; West Hartley, 16s. 6d. Unsold, nil; ships at sea, 40.

EXPORTS OF COAL.—By the Monthly Circular of Messrs. Higginson, Liverpool, we learn that the quantity of coal exported in October was 906,851 tons, against 929,364 tons in the corresponding month of 1868, showing a decrease of 22,513 tons. The particulars are—From the Northern Ports, 407,787 tons; Yorkshire, 29,607 tons; London, 5553 tons; Liverpool, 84,118 tons; Severn Ports, 294,485 tons; and Scotch Ports, 85,301 tons. The increase was—Liverpool, 23,422 tons. The decrease was—Northern Ports, 4707 tons; Yorkshire, 11,487 tons; London, 2381 tons; Severn Ports, 16,555 tons; Scotch Ports, 10,805 tons. Total, Jan. to Oct., 8208,893 tons; Jan. to Oct., 1868, 8,588,339 tons: decrease, 379,450 tons.

The Bank of England return for the week ending on Wednesday

The Bank of England return for the week ending on Wednesday evening showed in the ISSUE DEPARTMENT an increase in the "notes issued" of 80,494., which is represented by a corresponding increase in the "coin and bullion" on the other side of the account. In the BANKINO DEPARTMENT there is shown an increase in the "public deposits" of 425,8622., and in the "rest" of 3824., together 429,444.; a decrease in the "other deposits" of 11,4754.; and in the "seven days and other bills" of 53204., together 16,7954.—312,6494.; and adding thereto 174,9012. the decrease in the "other securities" on the asset side of the account, there is an increase in the total "reserve" of 437,5504.

f the account, there is an increase in the total "reserve" of 487,500t.
Creditors of the Wynn Hall Coal Company (Limited) are required
osend the particulars of their claims to the liquidators, at Wrexham, by Dec. 23
-Jan. 26 being appointed by Vice-Chancellor Malins for adjucating upon them.
The Stock Exchange Committee have this day ordered the shares of
the Assheton Mining Company (Limited) to be quoted in the Official Lists.

VAN UNITED.—The operations at this mine are progressing as fast as possible. The lode in the engine-shaft still continues to be of the most promising character, with every probability of a rich deposit of ore being met with long before the 10 fathom level is reached. The level west, upon the line of the lode, is to be prosecuted with all practicable speed, where great discoveries of ore are sure to be opened up.

OLD TREBURGETT SILVER AND LEAD MINE.—The directors have purchased the powerful 50-in, steam-engine, boilers, pumps, and other materials sold at North Chiverton Mine on Tuesday. They will be forthwith erected at Old Treburgett; so that in the course of a few months the mine will be "forked," when returns may be expected from the silver ore left standing in the old workings.

Compressing Fuel, &c.—Mr. William Johnson, of The Elms, Sketty, Swansea, has invented some improvements in machinery for compressing the substances used for manufacturing fuel, and in moulding clay and other building materials, which consist of a double-acting steam cylinder placed horizontally on a firm bed. The piston rod, which projects on both sides, carries at either end a plunger fitting and working accurately in a long bottomiess tube, the upper side of which is made movable, and is so arranged that the outer or delivery aperture of the tube can be reduced or increased in size by the self-adjusting action of a lever weighted to any required pressure. Into this tube the material to be compressed, having been previously leated and mixed in a pun fill, is introduced through an aperture in the upper surface, each charge being compressed by the combined action of the plunger as it travels onward, and the frictional resistance of the compressed mass in the tube against which it has to be forced. Heretofore it has been found necessary in a press such as that described above to employ a series of division plates for the purpose of separating the charges, which without such plates would adhere to one another in one solid mass; or the compressed mass issuing from the tube has been cut into suitable sized blocks by knives. He has discovered a very simple and interposite mode of separating the compressed charges without the employment of either division plates or knives. The plunger is constructed with a water or air-tight compartment, into which a stream of cold water or cold air is introduced when the press is at work, passing in by one aperture and out through another. This not only keeps the face of the plunger cool, and therefore in a condition less liable to become elogged by the heated plastic material with which it is continually in contact; but it has the effect also of partially chilling the surface of the compressed mass in the tube against which the plunger has acted, so that the next charge coming again COMPRESSING FUEL, &c .- Mr. WILLIAM JOHNSON, of The Elms,

same time an atmospheric pressure in the cavity sufficient to prevent the next charge from adhering. When from defective construction of the tube it is difficult to obtain this atmospheric pressure the air is charged with finely powdered coal or other dust, which diffuses itself over the exposed surface of the compressed mass, and thus creates an effectual barrier between the charges. The mechanical arrangement required for the purpose consists of a short pipe or barrel fitted against the tube, and working in and out of the cavity by the action of the plunger, and at right angles with it. This pipe is closed at both eads, but is perforated with holes through which the air, steam, or water is discharged against the surface of the compressed material.

Contract for Coals.

CONTRACT DEPARTMENT, ADMIRALTY, WHITEHALL, S.W.

TENDERS will be RECEIVED on THURSDAY, the 2d December next, at Twelve o'clock at noon, for the following quantities of COALS, delivered ex ship at the undermentioned ports, viz.:-| South Wales Coals. North Country Hartley Coals. | Portsmouth | South Wales Coals. | North Country Hartley Coals. | South Country Hartley Coals. | To be comport | 1400 | 810 | 810 | 810 | 810 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910

ANTONIO BRADY, Superintendent of Contracts. Contract Department, Admiralty, Whitehall, S.W., Nov. 23, 1869.

TO SOUTH WALES COKE PROPRIETORS.

ANTED, by a Gentleman with a good connection in SOUTH STAFFORDSHIRE, the SOLE AGENCY for the SALE of COKE, either y salary or on commission. Apply to "K. P.," Mining Journal Office, 26, Fleet street, London, E.C.

WANTED, by a Young Man, a SITUATION as SURVEYOR.—
Has a thorough knowledge of Land and Mineral Surveying, Mining
Accounts, &c., and is a neat Draughtsman. Highest references as to character,
abilities, &c.
Address, "M. S.," Mining Journal Office, 26, Fleet-street, London, E.C.

WANTED, a SITUATION, by an EXPERIENCED MINING and ENGINEERINC SURVEYOR and DRAUGHTSMAN.

References may be had on application to "J. D. K.," Messrs. Wadham and Turner, Engineers, Barrow-in-Furness.

WANTED, by an ESTABLISHED HOUSE in BIRMINGHAM, an AGENCY for the SALE of RAW and MANUFACTURED COPPER. Address, "Y. Z.," MINING JOURNAL Office, 26, Fleet-street, London, E.C.

TO INVESTORS AND CAPITALISTS.

THE ADVERTISER, having had LONG EXPERIENCE in MINING, is in a POSITION to GIVE the NAMES of TWO MINES, lmost safe to advance 100 per cent., one paying dividends, the other on the ve of so doing. Terms, 7½ per cent. out of profits.

Address, "F.G.S.," MINING JOURNAL Office, 26, Fleet-street, London, E.C.

TO PROMOTERS OF PUBLIC COMPANIES, &c

TO FROMOTERS OF PUBLIC COMPANIES, &c.

THE ADVERTISER holds a VALUABLE TRACT of MINERAL
LAND, including MINES containing SEVENTY PER CENT. COPPER,
and TEN PER CENT. GOLD. He wishes to MEET with RESPECTABLE
PARTIES to FORM a COMPANY. The property is situate near asea ort,
and a railway is just being completed in the district.
For particulars, address, "South America," MINING JOURNAL Office, 26
Fleet-street, London, E.C.

N ESTABLISHED HOUSE in BIRMINGHAM is willing to UNDERTAKE an AGENCY for the SALE of PIG IRON of a good brand a the town and district.
Address, "A. B.," MINING JOURNAL Office, 26, Fleet-street, London, E.C.

A GENTLEMAN, periodically visiting the Tin and Iron Works and Colliertes throughout South Wales, is DESIROUS of OBTAINING COMMISSIONS from FIRST-CLASS FIRMS in BRATTICE CLOTH, PALM and LUBRICATING OILS, and GREASES. The very highest references can

Address, "A. B.," Post Office, Swansea.

A GENTLEMAN, having a valuable Concession from Government of an Undertaking in the Colonies, DESIRES to MEET with TWO or THREE GENTLEMEN, with three hundred pounds each, to join him in carryng it out. No agents. For an interview only, address "C. J.," 4, Little George-street, Westminster.

CERTAIN FORTUNE-PARTNERSHIP OPTIONAL .-A CERTAIN FORTUNE—FARINEMENT OF AUGUST 25000, at 10 per cent., on good security, for two years, WANTED to ASSIST to COMPLETE the DEVELOPMENT of FIVE ADDITIONAL QUARRIES, on one of the most valuable slate properties in MERIONETH, held by long lease on liberal terms. The lender will have the option, after being paid principal and interest, to secure one-fourth share of profits for 73 years, guaranteed to amount to £3000 a.year.

Address, &c., "Q. E. D.," care of Mr. Watson, 15, Fenwick-street, Liverpool.

LEAD MINE.—A GENTLEMAN about to leave England is DESIROUS of DISPOSING of his INTEREST (£300) in a VALUABLE LEAD PROPERTY, situated in WALES. The company is "limited," shares "fully paid up," and a great increase in value certain. Apply by letter to "A. B.," 120, Fulham-road, Brompton, S.W.

ORE EAT NORTH DOWNS MINE.

This EXTENSIVE and VALUABLE PROPERTY, with all the POWERFUL PUMPING MACHINERY and PLANT, and the ADVENTURERS' INTEREST in the SETT, will be OFFERED by PUBLIC AUCTION, in One Lot, as a going concern, early in December.

Particulars will appear in the Mining Journal and Cornish papers.
For further information apply to the auctioneer, Mr. W. J. CLYMA, Truro; Capt. Rich, Scorrier, Cornwall; or to the secretary of the company, Mr. E. King, 22, Austinfriars, London.

TO BE SOLD.—THE LEASE of ELVAN GRANITE STONE QUARRIES, situate in DEVONSHIRE, on most advantageous terms.

Apply, by letter, to— FRANCIS BUCKLAND, Esq., Solicitor, 13, Bedford-row, W.C. TO BE LET, ON LEASE, for a term of years, SEVERAL ACRES of LAND, suitable for MANUFACTURING PURPOSES, advantageously situated on the south bank of the River Tyne, about two miles below Newcastle-on-Tyne, and within a quarter of a mile from the North-Eastern Railway. There is a good quay frontage, with deep water.

Apply to Mr. T. S. BRAMWELL, King-street, Quay-side, Newcastle-on-Tyne.

INVESTMENTS IN LEAD MINES.—
The DIVIDENDS paid by LEAD MINES for the year have DOUBLED in AMOUNT in the last ten years, and are likely to continue to increase. Some of the young lead mines will probably become profitable, and rise greatly in value in a short time. Full particulars, with a MAP of the Cardiganshire and Montgomeryshire districts (including Van, Dyliffe, Plynlimmon, East Darren, South Darren, Lisburne, Cwmystwith, Cefn Brwyno, and other mines), can be obtained price is.) on application to J. H. Murchison, Esq., No. 8, Austinfriars, London, E.C.

THE EXCHEQUER GOLD AND SILVER MINING COMPANY (LIMITED).

ted under the Joint-Stock Companies Acts, 1862 and 1867, by which bility of each shareholder is limited to the amount of his shares. Capital £60,000 sterling, in 60,000 shares of £1 each.

Deposit 2s. 6d. per share on application, 2s. 6d. on allotment, and the balance by instalments of 2s. 6d. per share, at intervals of not less than two months thereafter, until paid up in full.

The Right Honourable the EARL POULETT—CI
The Right Honourable the EARL POULETT—CI
The Right Honourable the LORD LOUTH.
S. KING CHURCH, Esq.
HENRY SYME, Esq.
(With power to add to their number).

GEORGE ANNESLEY, Esq., 64, Lincoln's Inn-fields, W.C.

BANKERS,
THE METROPOLITAN BANK (LIMITED), 75, Cornhill, London, E.C.

BROKERS.
Messrs. BENTLEY and HALL, Angel-court, Throgmorton-street, London, E.C.

MANAGER AT MINES. Captain JOHN CHALMERS.

SECRETARY.
HENRY MURRAY SCOTT, Esq.

If no allotment be made the deposit will be returned without any deduction.

Applicants desirous of paying up their shares in full can do so, and will be allowed discount at the rate of 5 per cent. per annum upon the amount so paid in advance of calls.

In advance of calls.

Prospectuses and forms of application for shares can be obtained on written pplication only to the Secretary, at the offices of the company, 112, Palmerstonulidings, Old Broad-street, London, E.C.

Iron and Steel Institute.

GENERAL MEETING will be HELD at the SOUTH KENSINGTON MUSEUM, on THURSDAY, December 2, commencing at o'clock P.M.:—

PAPERS will be read by Mr. MENELAUS, "ON IMPROVEMENTS IN ROLL-ING RAILS:"—by Mr. BENSON, "ON THE GENERATION OF COMBUSTI-BLE GASES UNDER PRESSURE;"—by Mr. THOMAS WHITWELL, "ON A FIRE-BRICK HOT-BLAST STOVE."

The papers by Messrs. I. L. Bell. and J. P. Budd, read at Middlesborough, will be open for discussion. Royal Exchange, Middlesborough, Nov. 23, 1869.

JNO. JONES, Secretary.

King's College, London,

THE PROFESSORSHIP OF GEOLOGY IS NOW VACANT.
For particulars, apply to—
J. W. CUNNINGHAM, Secretary.

MESSRS. J. HUME AND CO., 74, OLD BROAD STREET,

tion. All shares and stocks bought and sold at closest market prices. Bankers: The London Joint-Stock Bank.

M. R. H. WADDINGTON, 48, THREADNEEDLE STREET, LONDON.

A fanaticism, which no experience ever modifies, has again carried East Lovell from £14½ to £22, notwithstanding the strong evidences of its most uncertain nature—the 8 ft. of granite encroaching on the west from the east, and cutting out the tin; the diminished width of the deposit from 11 to 7 feet; the more concentrated nature of the deposit; the length now 12 ft. instead of 21 ft., as six weeks ago; and the fact that the eastern end of granite has not been cut down, lest it divrige the ugly fact that the end is too near, and which any practical man expects to hear of daily.

Buying Lovells at £22 is buying crowns at a sovereign. On the south lodes scarcely a trace of the can be seen except in the bottom of the winze—Such is the "phantom."

MR. J. H. COCK, STOCK AND MINING SHAREDEALER, 74, OLD BROAD STREET, LONDON, E.C.
Fifteen years' experience in Cornwall and London.
Business transacted in all the leading mines, and those difficult of purchase

or sale negociated.

SPECIAL BUSINESS in New Lovell, Ding Dong, Botallack, Hammett, North
Treskerby, Levant, and St. Ives Consols.

TEN SHARES in this mine, at £3 5s, per share.

Apply, by letter only, to "X. Y. Z.," 12, Sandringham-road, Dalston, London, E.

TO COALMASTERS AND IRONMASTERS.

TO BE SOLD, OR LET ON ROYALTY, the MINE of COAL under about FIFTY ACRES of LAND adjoining a railway.

For particulars, apply to Mr. G. DAVIDSON, Mawley, Cledbury Mortimer, Salop.

TO BE SOLD, the MANGANESE MINE situate at MYNYDDNODOL, near BALA, NORTH WALES, with Machinery and TOOLS, sufficient to work from twenty to thirty men, comprising water-wheel, crusher, jugers, long and square buddles, wagon and tram ralls, kins, please, drills, &c.; blacksmiths' and joiners' shops, atore-rooms, stable, manganese house, and manager's house, &c.—all nearly new, and in good working Apply to Mr. Harris, 6, Church-row, Bala, North Wales.

M ANGANESE OREFORSALE.—

For further particulars, apply to Mr. TH. THRMAN, in Stockholm, No. 4, St. Paulsgatan.

				LE	AI) (DRI	ES.		
Date		nes.								Purchasers.
Nov.	14-Cald	lbeck F	ells	. 20	13/4		£13	1	6	 Stock and Co.
	-	ditto		. 32	1/4		10	3	6	 John Warwick.
	17-Ply	allmmo	n	40)		. 11	14	6	 Walker, Parker, & Co.
	23-Tre	wetha .		27	1/6		. 21	2	6	 Stock and Co.
	-Dyl	iffe		. 61			12	0	0	 Walker, Parker, & Co.
	- dit	to		. 28			11	18	6	 ditto
	24-Fra	nk Mill	S	. 85			. 15	18	6	 Burry Port Company.
	- d	Itto		. 40			12	1	0	 R. Michell and Son,
	-Stip	erstone	8	. 50			12	9	0	 Sims, Willyams, & Co.
	-Llvv	vernog		. 20			12	4	0	 ditto

BLENDE. Date. Mine. Tons, Price per ton. Purchasers, Nov. 24—Stiperstones....... 30 £ 4 5 6 Bagilit Smelting Co.

BLACK TIN.

Date. Mines. Ts. c. q. lbs. Price p. ton. Amount. Purchasers. Nov. 20—Wheal Uny. 9 14 1 22 . £67 18 4 . £660 6 1—Williams. 24—Penhalls . . 10 6 3 2 . 71 5 0 . 736 12 2—Great Wh. Vor. 40 11 1 16 2850 3 9—

COPPER ORE.

Date. Mine. Tons. Price per ton. Purchasers.

Nov. 16—Caldbeck Fells... 234 ... 217 14 6 ... J. Bibby, Sons, & Co.

— ditto 1014 ... 9 3 0 ... ditto

COPPER ORES.

Sampled Nov. 10, and sold at Tabb's Hotel, Redruth, Nov. 25.

TOTAL PRODUCE.

 Clifford Amalgam. 820
 £3256 | 9
 6
 West Caradon
 145
 £ 680 | 11
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 South Caradon
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 4067 | 0
 6
 Craddock Moor
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 238 | 0
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 Glasgow
 Caradon
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 878 | 13
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 Wheal Rose
 60
 184 | 10
 0

 Phomix
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 779 | 17
 6
 West's Ore
 66
 204 | 18
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 North Treskerby
 198
 983 | 7
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 Tresavean
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COMPANIES BY WHOM THE ORES WERE PURCHASED.
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 Names.
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 Sims, Willyams, and Co.
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 Williams, Foster, & Co.
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 Total......2628 £12,069 16 0

Copper ores for sale at Tabb's Hotel, Redruth, on Thurs'iay next—Mines and parcels.—West Wheal Seton 502—Wheal Seton 440—West Tolgus 410—Wheal Basset 246–South Wheal Crofty 225—East Pool 104—Bampfylde 66—North Roskear 53—Tincroft 26—North Pool 26—East Basset 20.—Total, 2118 tons.

Copper ores for sale at Tabb's Hotel, Redruth, o. Thirteday week—Mines and parcels.—Crenver and Wheal Abraham 322—Caru Brea 297—North Downs 123—East Carn Brea 120—Wheal Smilly Henrictta 55—Wheal Prosper 40—West Wheal Tremayne 26—Champion's Ore 26—South Dolcoath 24—Buglehole's Ore 15.—Total, 1045 tons.

Notices to Connespondents.

* Muchinconvenience having arisen in consequence of severalof the Number during the past year being out if print, we recommend that the Journal should be filed on receipt: It then forms an accumulating useful work of reference.

Nickel and Cobalt.—I would be glad to learn, through the Journal, where I could get nickel and cobalt ores in quantities, and at what price for nickel and cobalt per cent. I am advised that a large quantity of Hungarian ores are imported to this country, but I do not know who are the importers, or whether they come to Swansea, London, or Hull. If some of your correspondents could enlighten me on this point I would feel obliged.—M. M.: Liverpoot.

Can any reader inform me how to coat glass with a thin film of silver, also of platinum?—A Reader: Edinburgh, Nov. 24.

PRICE THE SERBY.—As this mine is likely at no distant day to resume its position in the Dividend List, may I be permitted to suggest to my fellow-share sholders the de-irability of having at least an office of reference in London, so that those interested could readily obtain any information they might require?—A SHAREHOLDER.

quire?—A Shareholder.

The Sirius was the first English steamer which made a passage to New York, though she was very closely followed by the Great Western—the Sirius having arrived at New York on April 22, 1838, and the Great Western only 12 hours after her, on April 23. But neither the Sirius nor the Great Western took her departure from Liverpool, the Sirius having sailed from London on April 4, 1838, and the Great Western from Bristol on April 7. The first steamer which quitted Liverpool for New York was the Royal William, which sailed from Liverpool on July 5, 1838, and made her passage to New York in 19 days.

Liverpool on July 5, 1838, and made her passage to New York in 19 days.

Several letters intended for this week's Journal are unavoidably postponed.

The Suez Canal has been exactly 10 years in course of construction. On Nov. 30, 1854, the Viceroy signed the document granting M. de Lesseps the right to excavate the canal. On June 13, 1855, the International Commission gave its assent. On Nov. 5, 1859, the subscription list was opened, and on the 25th of the same mouth (10 years ago all but three days) the first sod was cut.

MR. CHRISTOPHER BINKS.—A letter is lying at our office for this gentleman.

SHARE DEALING.—We never interfere in the sale or purphysion fabruss, polither.

MR. CHRISTOPHER BINSS.—A letter is ying as our office at the Season purchase of shares; neither do we recommend any particular mine for investment representation, or broker through whom business should be transacted. The addresses of most of the latter appear in our advertising columns.

THE MINING JOURNAL, Bailway and Commercial Gazette.

LONDON, NOVEMBER 27, 1869.

VIOLATING COLLIERY RULES.

"Mr. LIONEL BROUGH, the Government Inspector, said all rules had These are the words with which a brief acbeen violated in the pit. been violated in the pit." These are the words with which a brief ac-count is closed of what took place at the inquest upon the eleven de-ceased killed by the explosion at the Mackintosh Pit, Newbury, near Frome, Somersetshire. To this accident, it will be remembered, we Frome, Somersetshire, HAM HAMBLIN, lampman; and JOHN BAYNTON, who "tore a divi-

sion curtain,"
At the Wakefield Court House, last Monday, two colliers were convicted of having used naked lights at the Victoria Colliery, Snydale, the property of Messrs, RHODES and DALBY. Both defendants were old colliers, and both continued the practice even after they had been warned by the deputy-viewer. The imposition of a fine of 1l. was light enough punishment for them. When will the colliers as a body be honest enough and wise enough to become their own police? On the same day, at Tipton, in South Staffordshire, no fewer than

four miners were convicted, also, of using naked lights in driving a gate-road to connect two parts of the pit, in a colliery belonging to the Darlaston Steel and Iron Company. They were all hurt, and their employers suffered loss to the extent of 200%. The personal injury

the Darlaston Steel and Iron Company. They were all hurt, and their employers suffered loss to the extent of 2007. The personal injury which the men sustained, it may be well hoped, may prove an impressive warning to them at least. So the magistrates trusted, and therefore let them off with a mere nominal penalty imposed upon one of them. Will it be warning enough to others? The same magistrates next convicted a doggy of having had an insufficient supply of timber in a pit in the same locality. Because of this shortness of supply a working place had been incompletely propped, and a collier waskilled by a fail of coal. The 20s. fine was light enough punishment. In neither of these cases, happily, was there maliciousness. Whilst it is a threadbare truism that evil is wrought by want of thought as well as by design, still to compass disaster by premeditation becomes of all things most hateful. And such conduct is never more flendish in its character than when it is premeditated in connection with colliery working. In such an industry very many men are thoroughly helpless to avert the danger to which they are exposed; and when overseers or employers are attempted to be "spited," men against whom no cause of quarrel exists are the chief sufferers. We are ashamed to have it to record of two men in any way connected with collieries that they should be even suspected of conduct of the class mentioned. Yet on Tuesday last, in the Wednesbury Police Court, a colliery engineer and a banksman, in the service of the Patent Shaft and Axle-Tree Company, of Wednesbury, were charged with having put a timber-wedge in the winding-drum barrel at a pit, by which its proper action was altogether reversed. The offence, upon the banksman's admission, was done by him at the instance of the engineer, who had been discharged from the working of the engine to which the drum belonged. Both men will be again brought up. Meanwhile let us trust that nowhere else can there be found amongst the hundreds of thousands of British mining operatives conduct shall be such as to give rise even to a suspicion that they could be guilty of such flagitious wickedness. Instances enough are upon record which illustrate in an extraordinary degree the striking heroism of pitmen on behalf of imperilled fellow-labourers. These demonstate that "the human heart can feel as warmly a thousand feet underground as in the most refined and cultivated circle of society." Perhaps it was because neither of the accused in the Wednesday, and the course of the course of the such are researched to work underground, but only on the nesbury case were accustomed to work underground, but only on the surface, that it was possible for the suspicion against them to be en-couraged. Anyhow, we rejoice that the stigma of such a charge does not rest upon thoroughbred pitmen.

Nevertheless, some of the cases which have recently been noted only too unmistakably demonstrate that even these latter are some-times forward to commit acts of insubordination which ought to be resolutely and involuntarily scouted the moment they suggest themselves to his mind. Next week we may have a few words to say upon certain phases of the question which relate to men somewhat higher in authority than those mentioned in the foregoing observations.

THE SOUTH WALES COAL BASIN, AND THE PARLIAMEN TARY SESSION OF 1869-70.

We have lately frequently alluded to the scheme which has been propounded by some of the most eminent railway engineers, to connect the South Wales coal basin with the West of England, and also to provide more ready and easy communication with the metropolis, Since we last referred to the matter a step in advance has been taken, and one from which we augur that strenuous efforts will be made to put one from which we augur that strenuous efforts will be made to give practical effect to such a vastly important project. The usual put lie notices have been given that it is intended to apply during the en suing session for parliamentary sanction to the schemes. We have so fully explained the various plans proposed, and the routes of the control of the sentence of the control of the sentence of the control of the sentence of the inter ded branch lines, that we need not again do so; but it is a matter of s'incere congratulation to find the whole of the South Wales district s.7 fully alive to their interests, and the importance of the contemplated project, that probably the prans will come before the residence. of the contemplat. If project, that probably the plans will come before the parliament. If committee under highly auspicious circumstances. The mercha, its of Bristol, of Gloucester, of Newport, and Cardiff, together with the directors and shareholders of the Great Western Railway Company, the Midland Company, and the North-Western Company have all considerable interests at stake, for upon

the ultimate issue of the contemplated works very much of their future prosperity depends. When alluding to this question upon a former occasion we threw out a suggestion that means should be adopted to ascertain the opinion of the most eminent engineers and practical men of the district in reference to the various schemes, and that once ascertained the whole weight and influence should be accorded the most highly-approved-of plan. We are glad to find the suggestion we then made now endorsed by some of the principal local newspapers of the district. We repeat the suggestion, and believe it would be to the advantage of all parties if carried out. All have the same objects in view—the expansion of the coal trade of the South Wales district, and the securing the highly-prized minerals by more easy modes of transit into ports and districts now practically excluded. Why, then, should the supporters of the various plans (and each we know has its warm advocates and supporters) indulge in costly and vexatious litigation before the parliamentary committee, when the whole subject could be more amicably and easily settled by a committee of practical men representing each scheme. We sincerely hope our suggestion will be adopted. Parliament is not likely to sanction more than one scheme—possibly not the most advantageous; whereas the whole of the colliery-proprietors, iron-makers, and commercial community generally, giving a decided and emphatic approval of any one scheme, would carry such a moral weight and force that the parliamentary committee would not hesitate to give it parliamentary sanction. the ultimate issue of the contemplated works very much of their future prosperity depends. When alluding to this question upon a it parliamentary sanction.

GOLD AND SILVER MINING IN THE PACIFIC STATES.

The large and influential meeting held at the London Tavern on The large and influential meeting field at the London Invert on Thursday last, to inaugurate the formation of the PACIFIC MINING COMPANY, is one of the most important events that has occurred in the mining world for many years. The great metallic wealth of the States of California and Nevada is, of course, too obvious to need dwelling upon here; but hitherto, unfortunately, investments of English capital made in these States have turned out anything but proposed with the proposed of the pr dwelling upon nere; but intherto, unfortunately, investments of English capital made in these States have turned out anything but prosperous. We need not discuss or dwell upon the reasons to which
these failures may be attributed, or attempt to enquire into their
causes. They belong to the past; and except as a lesson of caution
for the future, the sooner they are forgotten the better. We have
now entered on another stage. The mission undertaken by Mr. BATTERS, accompanied by Mr. Salmon, during the last autumn, has placed
Californian and Nevada mining in a position which it has never before occupied in this country. There can be no better evidence of
this than the meeting of Thursday, when the very elite of the City of
London assembled to hear the interesting address delivered by Mr.
BATTERS, which occupied the attention of his audience for nearly an
hour and a half. That the statements made by Mr. BATTERS and
Mr. Salmon, confirmed by the reports of Captain BARRATT on the
special mining properties included in purchases of the PACIFIC
MINING COMPANY, were deemed satisfactory by the gentlemen present, is but evidenced by the fact that, although no prospectus had
been issued, or, indeed, no report or statement of any kind printed
or circulated, the entire capital of the company (150,000£) was applied for twice over before 4 o'clock—chiefly by the most influential
members of the Stock Exchange.

This shows, what everyone acquainted with financial circles in England well knows that it is not capital that is scarce in this country.

plied for twice over before 4 o'clock—chiefly by the most influential members of the Stock Exchange.

This shows, what veryone acquainted with financial circles in England well knows, that it is not capital that is scarce in this country, but confidence that is wanted. The revelations of commercial fraud with which, week after week, we have been so nausiated for the last two years, have created a profound want of confidence in the public mind. It is a proud thing for Mr. Batters to be able to say that in this period of such general distrust and general stagnation he is able to stand up in the City of London, ask for, and in two or three hours receive, such support as he received on Thursday.

The Pacific Mining Company is only one, and that not the largest, of the mining properties purchased by Mr. Batters's party. The Eureka Mine has also been purchased for the sum of 250,000%, conditionally upon the consent of all the present partners being obtained. This great gold mine—one of the best in the world—is now paying about 75,000%, a year in profits; so that it is acquired at a price that will pay incoming shareholders 30 per cent. on their investments. Mr. Salmon, we believe, is of opinion that even with its present profits Eureka is only in its infancy. It is scarcely 100 fms. deep, and in a couple of years may double the present profits. At the meeting, on Thursday, Mr. Batters almost promised that shareholders in the Pacific Company should have a preference of allotment in the Eureka. of allotment in the EUREKA.

MINING NOTES FROM NORTH WALES.

[FROM OUR OWN CORRESPONDENT.]

Mining operations in nearly all parts of North Wales are now being more actively carried out than for some considerable time past, and a very healthy tone is to be found pervading the various districts. In several places new works, or others which have been abandoned owing to the want of capital in efficiently carrying them out, and the absence of the best and most suitable machinery for economically raising the minerals, are being opened out, and in most instances with every appearance of success. English capitalists appear ready to take advantage of the opportunities offered for investing in bona fide concerns, and aiding in the development of others which only required the means, with good management, to become sources of no small profit to those connected with them. With the intention of noticing several of the leading coal and lead mines, and commencing required the means, with good management, to become sources of no small profit to those connected with them. With the intention of noticing several of the leading coal and lead mines, and commencing with the former, we may congratulate the coalowners in the House of Commons on having a new ally to aid them in that branch of the Legislature, in the person of the Prime Minister himself. Such, however, is the case, Mr. GLADSTONE having last week purchased the Aston Hall estate, in the parish of Hawarden, and adjoining the property of his brother-in-law, Sir S. GLXNNE, Bart. The estate consists of 923 acres, with three collieries, the whole producing a rental of 2500£, per annum. The sum paid for the estate is said to be between 6.900£, and 70,00 £. There are several good seams of coal running through the estate, and which are being worked by the Aston Hall Colliery Company, who also raises a good deal of capital clay, and for which they have erected large works for the manufacture of bricks, tiles, sanitary tubes, &c. At the colliery many thousands of pounds have been expended, but from which as yet the company have not received any appreciable return. They have, however, just commenced to draw coal from two new seams, a three-feet and a five-feet one. A good deal of cambinatery of the best and most approved description is being put down in connection, not only with the collieries, but with the clay works, and the prospects of the company are more cheering now than they have been.

The collieries in the neighbourhood of Queen's Ferry are now doing a mode-tate business. At the Prestator Company is Reanor they have completed the top work, and are now getting the coal, a four-foot seam of good quality. Messrs: Thompson are also raising a good deal of coalogate the substitution of the prospects of the Holyhead line. For some time past the Buckley Company have been making considerable alterations, so that the works are now in a very complete state, and in every way adapted for a very extensive business. The Loughton Mo

the whole of the coal, it is understood, being got under the bed of the River Dee, where it appears the seams are thicker than they are found in the opposite direction. The pits make a good deal of water, forther enouval of which a power-rection the pits make a good deal of water, forther enouval of which a power-rection the pits make a good deal of cannet, for the pits of the power-rection with a pair of pingers 24 in. In diameter above them. The depth of the shaft is about 230 yards. The same seam of coal is being sunk to at Batterefield Colliery, close to Bagitt, and by the banks of the River Dec. In connection with the collication of the pits of the pits

ECONOMIC IRON MANUFACTURE—LURMAN'S HEARTH.—The ex-cellent results obtained by Messrs. Fletcher, Solly, and Urwick, of the Willenhall Furnaces, by the use of the improved hearth, invented the Willenhall Furnaces, by the use of the improved hearth, invented by Mr. Lurman, were referred to in the Supplement of the Mining Journal of Nov. 6, and it is gratifying to learn that the furnace continues to work most satisfactorily, the make of iron gradually increasing in quantity. The furnace fitted with the patent closed hearth is 14 ft. between boshes, and is supplied with the blast through six bronze tuyeres. It has Addenbrooke's arrangement for taking off the gas, and is, in face, a well-constructed furnace in all respects. In a carefully-conducted trial with and without the improved hearth—similar ironstone and equal quantities of fuel being used—it was found that 38 cwts. (against 33 cwts.) of ironstone were smelted when the new hearth was used, the difference being equal to an economy exceeding 15 per cent. Even this result has since been surpassed, but further comparative trials have not been made. further comparative trials have not been made.

THE CHANNEL RAILWAY BRIDGE.—Although the merits of Mr. BOUTET'S system of bridge building has been thoroughly recognised in France, comparatively few engineers in this country appear to understand its many advantages, and its thorough adaptability to the purpose intended. It is probable, however, that the BOUTET bridge will now receive the attention it deserves, the remarks of Lord HENRY LENNOX. In his inaugural address at the Society of Arts at the country. LENNOX, in his inaugural address at the Society of Arts at the open-

LENNOX, in his inaugural address at the Society of Arts at the opening of the new session, being most encouraging. He said—

"There are several projects for a tunnel under the sea, and as one of these schemes is to be unfolded in this room in a fortnight's time, I will say nothing about it to night. Then there are the schemes for a bridge across the Channel, one especially that has attracted great attention in Paris, and is reported to be favourably looked upon by the Emperon of the Francia. The designs for this Channel Bridge are the work of Mr. BOUTET, and have, I believe, been already discussed by the Schetty of Engineers; and my impression is, that this is the best scheme for a bridge over the Channel that has been proposed. There is in Paris a model on a large scale, which bore ten times the weight which would require to be borne by the Channel Bridge, constructed with less than I ton of metal, and resting on two abutments of rough timber, which were incapable of sustaining a very great strain. Mr. BOUTET was kind enough to describe his drawings to me at length, and even if the Channel Bridge were not attempted his plan of building bridges is capable of suc, a stoulshing results as to to make it well worthy the study of our own engineers."

Now, as the President of the Society of Arts Council is neither an incompetent authority on engineering matters, nor one likely to speak

incompetent authority on engineering matters, nor one likely to speak so favourably of a project without ample previous investigation, his observations may fairly be placed amongst the most important evidences in favour of Mr. BOUTET'S system which have been brought forward on this side of the Channel.

A New Canal, a home project is now before the public, under the name of "The Great Western Maritime Ship Canal," extending from Bridgwater Bay to the estuary of the Exe, so as to open a new and improved communication between the great South Wales coal fields and adjacent districts, and the western and southern counties, London, and the Continent, and thus reducing the sea passage by about 290 miles. Besides the reductions in distance and time there would 290 miles. Besides the reductions in distance and time there would be a saving of danger, the voyage round the coast of Cornwall and the Land's End involving great risks. It is confidently assumed that the cost of the canal, including harbour and dock works, will be under 3,500,000*l*; the canal being 59 miles in length, 124 ft. wide at the surface, 31 ft. at the bottom, and 21 ft. deep. A port accessible to the largest vessels at all states of the tide will be established on the coast of Davonshire, such as does not at present exist from Portland the largest vessels at all states of the tide will be established on the coast of Devonshire, such as does not at present exist from Portland to Plymouth. It is estimated that tolls levied at the rate of \$4\$, per ton per mile on coal alone will produce a profit of nearly 5 per cent. on the outlay. The quantity of coals that it is expected will pass through the canal annually is 4,261,334 tons, and if to this is added the tonnage of coke, iron, and other mineral and miscellaneous products, it would seem that there is a chance of a very large revenue. One of the advantages which it is supposed will result from the construction of the canal will consist in the supply of cheap coal to the southern and western counties, and to the metropolis; the produce of the Welsh and neighbouring collieries being, in the opinion of competent judges, not inferior to North Country coal, and would be in equal demand were it not for the absence of direct means of transport. We believe that a somewhat similar enterprise was brought out so far back as the year 1825, under the auspices of the celebrated

engineer, TELFORD, and for which an Act was then obtained. The engineer, TELFORD, and for which an Act was then obtained. The present project is, we understand, exciting considerable interest in South Wales and the adjoining localities; and no doubt, if it could be carried out, it would prove very advantageous to the mercantile community, and would be a work of great general utility. The development of the mineral resources of South Wales is of much more importance now than when the Act referred to was passed, and is of itself a sufficient reason for again directing attention to the subject,

MINING IN THE ISLE OF MAN.

That there are valuable deposits of lead in nearly all parts of the Isle of Man is fully believed by those acquainted with the geology of the island; but there appears to be some difficulty in obtaining "takes" to work, the minerals being the property of the Crown. Hence there are not those opportunities of developing the valuable minerals abounding in the Isle of Man which are to be found in other mining districts, where it is to the interest of the owner to afford every facility for raising the ore which is to be found on his estate. With all those difficulties, however, a new mine is now being opened out at Douglas Head, and there is the most undoubted evidence of its turning out highly successful. It appears that some time since permission was obtained to open out a mine, but at such a distance that it could not be seen from Douglas, lest it should interfere with the interests of that place, by becoming an eyesore to the visitors. Accordingly an adit level was driven about 90 fathoms, at a point sufficiently far from Douglas. With regard to that level, which was That there are valuable deposits of lead in nearly all parts of the ficiently far from Douglas. With regard to that level, which was driven on a cross lode, nothing was done. After a considerable interval application was made to the Woods and Forests, and leave

terval application was made to the Woods and Forests, and leave was recently given to open out anywhere on the take granted in the first instance. Such being the case, they are now sinking a shaft in a very favourable situation, and where there is a very promising lode, the gossan which was shown to us by Mr. Smedley, of Holywell, who is the largest shareholder in the company, giving every indication of there being a valuable deposit of lead underneath it.

With regard to the situation of Douglas for mining operations, it may be said that in extending the harbour and making foundations for the erection of buildings a good deal of lead was got, and, no doubt, from the same vein the company alluded to are sinking to. A small engine is about to be put down for getting the water out, and for which pumps are being prepared. Sinking will shortly be resumed, and it is expected that the vein will be reached at a depth of considerably less than 100 yards. The sinkers have got down about 18 yards, and the stratum gone through has been found similar to that of the Laxey Mine, which is about the most valuable in the kingdom. It is also worthy of notice that the lead mines in the Isle of Man are the richest of any in the kingdom in silver, averaging of Man are the richest of any in the kingdom in silver, averaging upwards of 42 ozs. to the ton of lead ore. With these facts in view, there is very little doubt but what the Douglas Head Mining Company will become a successful one, and the shareholders rewarded for the notices they have only highly and we shareholders rewarded for the patience they have exhibited under most untoward circumstances. as well as for the energy they have shown in pushing forward the work of sinking when they were placed in a position to do so advantageously. It is, therefore, more than likely that if similar facilities are granted to other persons as to the company named that the valuable minerals to be found in the Isle of Man will be ere long developed to an extent that has not been anticipated even by those most interested in mining operations. interested in mining operations.

ATMOSPHERIC GAS.

ATMOSPHERIC GAS.

The convenience which would undoubtedly result in almost innumerable interests from the possession of an apparatus by which illuminating gas can be produced as required has long been acknowledged, and an invention is described in La Houille which promises to meet all the requirements of the most fastidious. The atmospheric gas is produced by a current of air impregnated with the volatile spirits of petroleum, according to the invention of Messrs. Rouillé and Co., of Paris, and the experiments which have been made at the Rue Lafayette have proved most satisfactory. In order to saturate the air sufficiently with hydro-carburetted vapour, it is essential to multiply as far as possible the points of contact with the spirit; Messrs. Rouillé and Co., therefore, conduct it into two saturators, which contain carded wool wetted with the spirit. But as at the ordinary temperature the spirit is not volatile enough to saturate the air completely, or give a sufficiently rich gas, Messrs. Rouillé and Co. have an ingenious arrangement, which not only accomplishes the object in view, but at the same time prevents any inconvenience that would arise from the incomplete volatilisation of the liquid, leading to settlements of deposit, which would interfere with the operation of the apparatus.

It appears that at each trial of the apparatus the results obtained are more complete, probably owing to the exact mode of working, the machine being more completely understood; and perhaps the greatest recommendation of the machine is its extreme cheapness—a five-light apparatus being supplied for less than 10% and the price for larger

recommendation of the machine is its extreme cheapness—a five-light apparatus being supplied for less than 10*l*., and the price for larger sizes certainly does not increase in proportion, for a 10-burner machine costs but 16*l*., 25-burner 24*l*., and so on in proportion. Messrs. chine costs but 16%, 25-burner 24%, and so on in proportion. Messrs. Rouillé's apparatus is already employed in several warehouses in Paris, and on the Western of France Railway, and there can be no question that many of our country railway stations which are at present illumined by dingy oil-lamps would be vastly improved by the adoption of such an invention as that of Messrs. Rouille. It is understood that the necessary steps will be taken for bringing the invention under the notice of the British public, by the formation of an influential joint-stock company; and, judging from the results already achieved, no doubt need be entertained that the commercial result of such an enterprise will be such as to thoroughly satisfy the capitalists who may connect themselves with it.

AUSTRALIAN COAL.—A discovery of some importance appears to have been made in New South Wales, a new coal mine having been opened up in the district of Hartley, at a place known as Brown's Gap. The coal was discovered cropping out on the surface, on the south side of a mountain, about 200 ft, from its base, and a drive was opened which soon presented a seam 11 ft. in thickness, without fault or band. It is stated that the coal can be brought to Sydney at a price which will enable it to compete favourably with Newcastle (colonial) coal. This discovery promises to be of considerable importance in connection with the development of railways in New South Wales. Thus, the new coal has been tested by Mr. Buller, on the Great Southern and Western Railway of New South Wales. Mr. Buller is locomotive superintendent of the line in question, and has had railway experience in England as well as in Australia; his report on the way experience in England as well as in Australia; his report on the new coal was of a favourable character.

new coal was of a favourable character.

AUSTRALASIAN GOLD.—A company has been formed, under the title of the Wairarapa Pioneer Prospecting Company, for the purpose of prospecting quartz reefs known to exist in the neighbourhood of the Wairarapa, New Zealand. A gold prospecting party sent up the Wanganui River, under the command of Capt. M'Donnell, has reported the discovery of gold, and some specimens have since been brought into Wanganui. Gold is believed to exist in paying quantities at Terawiti, New Zealand; 7 ozs. of beautiful nuggety gold were obtained by Mr. Wright, of Ohiro, as the result of 15 days' work. At the last dates the Taranaki (New Zealand) Prospecting Company (Limited) was in course of formation. The capital is 500%, in 100 shares of 5% each. Attention is being directed to rich quartz reefs known to exist at Moonlight, New Zealand. Several rich nuggets have been obtained from Moonlight Creek; one of them, slightly impregnated with quartz, weighed 37 ozs. The gold was of rich nuggets have been obtained from Moonlight Creek; one of them, slightly impregnated with quartz, weighed 37 ozs. The gold was of a splendid colour, and much like that met with in the Kingower and Mount Lorong districts, Victoria. It was found by a digger named M'Closkie. The Moonlight Creek diggings, it should be added, are in the province of Nelson. Prospecting has been proceeding of late upon Stewart's Island, New Zealand, but at present the results obtained can scarcely be said to be very satisfactory or conclusive. The yield of gold in Victoria for the first half of this year is estimated to be about 100,000 ozs, short of the quantity obtained in the corresponding six months of 1868. In May and June, however, the yield was again increasing. The Ballarat alluvial mines still occupy the foremost place; as regards the quartz workings, those nearest Melbourne have presented the largest average yields.

The total number of miners employed on the gold fields of Victoria at the close of June was estimated at 9890. A "rush" of considerable promise occurred in September in the parish of Kirkella, Victoria, in consequence of the discovery of two rich reefs—one 'called-the Germania Reef, situated about one mile north-westward from the Bonnie Dundee Company's leased ground; and the other called the West Germania Reef, situated about ½ mile further to the porth-west than the first.

TRADE OF THE TYNE AND WEAR.

TRADE OF THE TYNE AND WEAR.

Nov. 25.—With the arrival of the large fleet at the latter part of last week an impetus has been given to the local trades. In the Tyne the number of arrivals since the cessation of adverse winds are estimated at 700, 250 of which were from abroad. The river is now full of ships, and trade has been very active during the week, and freights have gone down to 6s, per ton for London. There is a considerable demand for the Channel ports, at good rates. In the Wear there have also been large arrivals, and the rate to London has fallen to 6s, 6d, per ton. The demand for sailing ships is, however, rather limited, owing to the collieries being pretty well supplied with steam-ships. At the Hartlepools an agreeable change has taken place. The docks and harbour are now pretty well filled, nearly 400 vessels having arrived since last week. The sailings have been 97, 87 of which have taken cargoes of coal. As might be expected from the large arrivals, freights have receded considerably.

freights have receded considerably.

The Iron Trade continues to improve, almost the only slackness to note being in engine making, this branch of trade continuing remarknote being in engine making, only branch of trade continuing remarkably dull as a rule; of course, a large stock of engines of all kinds accumulated during the long depression, and some time must elapse before this stock can be got rid of. Most other branches of the iron manufacture are at present well employed. Pig makers are very busy, and prices are improving. There is a good demand for rolled iron, ship, and angle-iron, &c., and most of the rolling-mills of the district are well employed, and also the general iron works and foundries. The erection of the works at Dunston, where new rolling-mills, &c. are well employed, and also the general fron works and foundries. The erection of the works at Dunston, where new rolling-mills, &c., are to be started, are now being pushed vigorously forward, and certainly a better position can hardly be conceived, as all the necessary materials are to be had either by land or water at a cheap rate. With respect to coal, it is to be had in abundance, and at as cheap a rate as at any point in the kingdom, and pig-iron can be had from any point by rail and water also—that is, the pigs of Cleveland, Ridsdale, and Whitehaven, so that iron of any quality required can be proand Whitehaven, so that iron of any quality required can be produced. And the same remark applies to the transit of the finished iron produced at these works, as either for home consumption or export every facility can be found.

The subject of the amalgamation of the branch colliery line of Earl Vane, extending from his extensive collieries to Seaham and to Sunderland, with the North-Eastern Railway system, has often been discussed and is now again agitated. The present arrangements are

derind, with the North-Eastern Kallway system, has often been dis-cussed, and is now again agitated. The present arrangements are extremely inconvenient, and often cause loss to both parties; many serious disputes have indeed arisen respecting the delivery of coals at the docks at Sunderland, and other arrangements of business in which both companies are concerned. It must also be recollected that the port of Seaham is not at all adapted for large vessels, and even for vessels of moderate size it is only suitable for fine weather; as a proof of this, during the late preglence of rough weather, the as a proof of this, during the late prevalence of rough weather, the collieries of the firm were almost brought to a standstill. If an agree-ment could be arrived at, which, it is almost certain, will be done, by which the traffic from the extensive works of Earl Vane would get

ment could be arrived at, which, it is almost certain, will be done, by which the traffic from the extensive works of Earl Vane would get access to the North-Eastern Railway and the various docks and harbours in connection therewith, at reasonable rates, a great advantage would be gained by both parties, as the railway company would get an increased traffic, and the coal company would get the means of conducting their business in a regular and systematic manner.

The very interesting paper read by Mr. Peacock before the Cleveland Literary and Philosophical Society, "On the New Red Sandstone of Cleveland, and the Rock Salt found in it" (published in the Supplement to last week's Journal) contains many points of special interest to the miner and to the geologist, and is also most interesting to the public and commercial men generally. The discovery of a vast bed of salt in these measures at Middlesborough, which is shortly to be worked, is an event of much importance in a commercial point of view, and eventually it will prove a great addition to the mineral wealth of the North of England. This is shown in the paper alluded to, as Cheshire salt costs 7s, per ton for land or sea transit to the Tyne, and Middlesborough salt will only cost 2s, per ton. A large home, and also export trade, is, therefore, open for salt at this point. The great thickness of the Trias, or New Red Sandstone, at Middlesborough, is a most remarkable circumstance; and, although the salt has been reached by boring, yet the coal beds, if they do underlie this curious formation, must be pronounced in accessible at this point. Mr. Peacock estimates the total thickness of sandstone here at 2306 ft.—that is the lowest calculation, but it will probably prove to be more, and there will be 3000 ft., including the magnesian limestone; therefore, presuming that the coal measures underlie those formations, the depth of the coals will prove the magnesian limestone; therefore, presuming that the coal measures underlie those formations, the depth of the coals will prove enormous. But a most important question, which requires to be solved, is this—whether the Durham and Yorkshire coal fields are solved, is times—whether the Duriam and Torishine coal fields are true and independent basins, or only parts of one coal formation? Should the latter prove true, no doubt points would be found where the Red Sandstone thins out in Cleveland, and the coals would, consequently, be accessible. The most eminent geologists are at present of opinion that these coal fields are true and independent basins, but really this question is yet to be solved, and the existence or otherwise of the coal measures under this New Red Sandstone is one of the greatest importance in connection with the future prosperity. of the greatest importance in connection with the future prosperity and progress of Cleveland.

SMOKE PREVENTION.—The Mayor of South Shields (Ald. Strachan) accompanied by Mr. R. Robson, inspector of nuisances, and Mr. Oldroy, partner with Mr. Kendall, engineer, witnessed the trial of a furnace for the prevention of smoke in boller furnaces, invented by Mr. Kendall, engineer, at the Percy Main works of the Blyth and Tyne Railway Company. The system consists in making the front of the furnace in the form of perpendicular grating, and placing inside, at a short distance from the grating, a solid plate of iron reaching to within 2 or 3 in. of the furnace bars. So complete a combustion was caused that a live fire ensued, and little or no smoke was emitted. The furnace which the trial took place is one in connection with the Tyne Plate Glass Works.

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

Nov. 25.—We are now rapidly approaching Christmas, ice is floating about the mouth of the Neva, and, therefore, shipping for the Baltic is over for the season; and yet the demand for iron continues good, and there seems to be, on the whole, fair grounds for anticipating that the advance of prices, made rather hastily, may be justified by the demand, which seems to be increasing rather than diminishing. Of course, the present aspect of trade may be changed by many adverse circumstances. An advance in the import duties in the United States, or a war between Turkey and Egypt, or between Austria and Russia, arising out of the petty insurrection in Dalmatia, might cause a complete turn of the tide, but so far there seems no reason to apprehend either of these misfortunes. The demand for an advance of wages by the Amalgamated Miners' Association of Lancashire, Chesbire, and North Wales is the natural result of recent advances in Staffordshire, where, however, the men insist they are enadvances in Staffordshire, where, however, the men insist they are entitled to a further rise, but are willing to accept instead a reduction

There has been a difficulty between two classes of ironworkers at There has been a difficulty between two classes of ironworkers at Earl Granville's works, in the Staffordshire Potteries. The underhand puddlers considered that when those under whom they work got an advance of 1s. per ton they were entitled to a corresponding rise of 3d. per ton. The upper-hands refused this, on the ground that when a reduction took place nearly two years ago, of the same amount as the recent advance, the wages of the under-hands were not altered. The latter ceased work, assembled in a riotous manner, and some stones were thrown. Of course, this afforded an opening for the interference of the police, who soon quelled the disturbance, and took measures to prevent a recurrence. Since then, however, the underhands have gradually gone to work again. Should trade continue good some of the under-hands may get promoted.

Powers are to be sought in the approaching session of Parliament for laying down tramways, or street-railways, in Birmingham and in

a number of places in South Staffordshire, no less than 14 distinct lines being named in the parliamentary notice. Probably this is the most extensive scheme yet practically proposed for the adoption of these tramways, and perhaps it would be difficult to find a district offering better prospects of success for such an enterprise than South Staffordshire, where a number of populous places are scattered over a considerable district, the traffic between which is large and constant. There is, however, the competition of railways, which are numerous

REPORT FROM SCOTLAND.

REPORT FROM SCOTLAND.

Nov. 24.—The shipments of Pig-Iron from the Scotch ports for the week are large, being 12,160 tons, against the lesser total of 6260 tons in the corresponding week last year, with a large consumptive and speculative demand operating on the market. Prices, consequently, keep firm, even while advancing, and are remunerating makers after the depression of Midsummer. The closing quotations of last week were 54s. 6d. cash, and 54s. 9d. one month. On Monday the market opened firm, at 1d. advance, which was afterwards increased, and closed with sellers at 54s. 9d. cash, and 55s. one month, buyers offering 1d. per ton less. Yesterday the market was rather easier, and closed at 54s. 9d. cash, and 54s. 10½d. one month, sellers wanting a fraction more. To-day the market was better, and about 6000 tons sold at 54s. 9d. and 54s. 10½d. cash, and 55s. 1½d. one month, closing sellers a shade higher. No. 1, g.m.b., 54s. 6d.; No. 3, 53s. 6d.; Gartsherrie, 62s. 6d.; Coltness, 62s.; Summerlee, 60s.; Langloan, 58s.; Eglinton (at Ardrossan), 55s.; makers' iron quoted all No. 1. The total shipments of pig-iron from all the Scotch ports from Dec. 25, 1868, till date, were 585, 102 tons, being an increase of 59,120 tons over the same period of last year, and the decrease in the imports of Middlesborough pigs in the same period was 48,750 tons, which, when substracted from the former increase, leaves an improvement of 10,370 tons on the trade of the year till date. The Finished Iron Trade is negrans more full of life and house than it has been for ment of 10,370 tons on the trade of the year till date. The Finished Iron Trade is, perhaps, more full of life and hope than it has been for a couple of years, and the specifications embrace iron for very waried purposes. Our makers who can take rails can have any amount, and

Iron Trade is, perhaps, more full of life and hope than it has been for a couple of years, and the specifications embrace iron for very varied purposes. Our makers who can take rails can have any amount, and bars, rods, flats, and half-flats, angle, nailrod, plates, and other descriptions of malleable iron are all in specification, and buyers are offering more money, but short of the quotations noted last week, which is the scale price. As soon as suitable weather returns the Clyde shipyards will be busy down both sides of the river, from Rutherglen Bridge to the Tail-of-the-Bank, out from Greenock.

We regret to learn that private advices received here from Russia give rather a gloomy account of commercial affairs in that empire, and indicate that a system of over trading has been carried on for so long a period that a financial and commercial crisis is impending. Remittances for rails and other goods sent hence, and now over due, are not being made; and it is feared, we hope without foundation, that the iron trade in the North of England, and especially in Wales, may be sufferers. We hope present advices will not be realised.

The Coal Trade, so far as enquiries are concerned, has greatly improved, and lines for 5000 tons for shipment are bringing back former times. House coal has been advanced from 6d. to 1s. per 24 cwts, but shipping qualities remain as before quoted, with hopes of an almost immediate advance, if the tide which has set in continues, During the week the return of coals shipped was 21,195 tons, against 21,960 tons in the same week last year. There seems to be a scarcity of coal at many foreign ports, and it is expected that the demand which is manifesting itself will continue, and a period of prosperity and high prices will foliow.

Mr. Alexander Macdonald is expected home presently from his second tour through the United States. Another report says he is engaged for an agitation tour through the mineral States of the Union.

cond tour through the United States. Another report says he is engaged for an agitation tour through the mineral States of the Union. The colliers in the Glasgow district, who were about to strike for

an advance of 6d. per day, to make them equal to their brethren in the Wishaw district, have received the offer of the advance from the 10th proximo, by Mr. Buchanan, of Eastfield, and if during the first fortnight thereafter the colliers do not succeed in receiving the advance generally Mr. Buchanan will revert to the wage presently paid. In the meantime complaints are being made that while the miners on the Belhaven estate (Wishaw district) have received the advance

on the Beinaven estate (wishaw district) have received the advance from the 10th inst., there is a likelihood that they may lose it, on account of the men on the Coltness estate not holding on for the increase. With the present prospects there is more likelihood of miners' wages advancing than retrograding.

The unexpected death of Dr. Penny, Professor of Chemistry in the Andersonian University, will enable Mr. John Young to renew his munificent offer to found and endow a chair of Technological Chemistry in that University, which will prove an undoubted boon to the citizens. the citizens.

At the ensuing meeting of the Philosophical Society of Glasgow, At the ensuing meeting of the Philosophical Society of Glasgow, the question of "Patents" will form the subject of discussion. Mr. St. John Vincent Day, patent agent, will introduce the subject, which may be continued over several meetings, as some Members of Parliament have been asked to join in the discussion; and we understand that Mr. Macfie—who has a notice on the subject before the House of Commons—has promised to be present.

REPORT FROM MONMOUTH AND SOUTH WALES.

Nov. 25.—The dissatisfaction which was created by the course taken by the makers in Staffordshire in rising the price of iron to such an extent, together with the fears which have arisen with resuch an extent, together with the fears which have arisen with respect to the efforts which it is said are being made to render the American tariff in iron more protective, have caused a sort of lull in the iron trade, especially as far as engagements in other branches of the business than rails are to be considered; and, perhaps, but for the fact that manufacturers have had their books pretty well filled with engagements that will keep their works in steady employment for several months, the effect of the decision of the Stafford-shire makers would, in all probability, be much more seriously felt in this district. In the meantime, however, the decision of the Stafford-shire makers cannot materially affect the position of the trade here, for the reason just given, but the dissatisfaction respecting it here, for the reason just given, but the dissatisfaction respecting it still exists among the makers, notwithstanding their hope that it will not affect them on any future occasion. With respect to the tariff question, it is strongly hoped, and by many urged, that there is no real reason to apprehend that the efforts alluded to will be attended with success. Buyers, however, are somewhat disposed to defer transactions, as the end of the year is so nearly approaching. As was noticed above, the principal works are still stending the strong transactions are still stending.

As was noticed above, the principal works are still steadily employed in working out the rail orders which have been some time in the books; and a brisk business continues to be done between makers and the American and continental houses mentioned in last week's and the American and continental houses mentioned in last week's report. There is a good offer now in the markets for 10,000 tons of rails, together with a proportionate quantity of cast-iron sleepers for an Indian Railway Company, and it is expected that the rail part of the order will be secured for this district. Home business is but little improved. Bars remain dull, but for pig-iron there is a slightly better enquiry. Iron suitable for shipbuilding continues in better request. In several of the leading works operations are now being extended, which may be taken as indicative that the position of the trade is by no means less hopeful, and renders it still tess probable that there will be no lack of employment for the winter months. that there will be no lack of employment for the winter months.

that there will be no lack of employment for the winter months. Although it cannot be said that there is any organised movement among the iron-workers of South Wales to secure an advance in wages, yet there is no doubt as to there being a wide-spread feeling among the hands that they are, or at least will be in the course of a few weeks, fairly entitled to a rise in the rate of wages. The principal make of the district is railway iron, and the men allege that, as compared with two years ago, there is an advance of 20 per cent. on the prices then obtained, and that, therefore, they are not forming unreasonable expectations when they consider that they ought to be awarded one-half the rise—10 per cent. On the other hand, employers state, and, undoubtedly, with ample foundation for their allegations, that for a period of four years the iron trade was in a more depressed state than ever known before, and that many establishments were carried on at heavy yearly losses. These losses, they contend, ought to be fully recouped before the workmen can fairly demand a rise, for unless capitalists can secure an average reasonable demand a rise, for unless capitalists can secure an average reasonable return upon their investments, how can it be expected that they wil

lay out their money in iron works? They do not, however, desire to enforce this rule too rigidly, but are quite prepared, as soon as circumstances will permit, to grant an advance. The men must not be too precipitate, and must have a little patience, for they know little of the serious financial difficulties that their employers have often to contend with. If the present good demand for rails continues, of which there is every probability, the men may safely look forward to a rise as soon as the old contracts are worked out. Already the Patent Nut and Bolt Company (Limited), and Messrs. Hill and Co. Cwmbran, have intimated that they will advance wages 10 per cent. in a month's time, but both establishments are special branches of the iron trade, quite distinct from the great rail-making establishments of the district, and, therefore, cannot be pointed to as examples that ought to be followed by the trade generally. In the Tin-Plate Trade there is yet no change from the dulness reported last week.

There continues to be some sign of improvement in the Steam Coal Trade, and proprietors maintain a steady business with the majority

Trade, and proprietors maintain a steady business with the majority of the foreign markets. There are also slightly better enquiries for

house qualities.

nouse quanties.

A large quantity of Aberdare steam coal continues to be forwarded to Pembroke Dock for the use of the Navy, and it is rumoured that early next year the Channel fleet will again be sent to Milford to coal. This is the result of the trial made a short time since, when the vessels of the fleet were coaled at Milford with the most satisfactory results, both as to the price of the fuel and the quality of the coal supplied.

the coal supplied.

The inquest on the bodies of the men who were killed by the explosion at the Hendreforgan Colliery, the property of the Hendreforgan Coal Company, was closed on Wednesday. Several witnesses have been examined since the opening of the inquest, and it would appear that the explosion was caused by the firing of gas, which had escaped from the root where a fall had occurred. The ventilation of the workings was pronounced satisfactory, but some of the air-ways were found to be obstructed. The jury, after some deliberation, returned the following verdict:—"That the deceased met their deaths accidentally consequent upon an explosion of after-damp, the consequence of an explosion of fire-damp."

accidentally consequence upon an explosion of after-damp, the consequence of an explosion of fire-damp."

In the case which was brought forward some time ago at the Merthyr Police Court, by Mr. Joseph Ewing, Inspector of Factories, in which the Dowlais Iron Company were summoned for employing two boys under 13 years of age in the iron works during the night, Mr. J. C. Fowler, stipendiary magistrate, gave his decision. The case was instituted with a view to clear up a disputed point in the Act, as to whether boys under 13 and over 12 years of age may or not be employed in the iron works during the night up to 1870. After referring to a series of statutes, beginning with William IV., and ending with the 18th Vic., Mr. Fowler said he was satisfied that the modifications contained in the last Act did not anction the employment of boys under 13 by night. He, therefore, decided accordingly, but as the question was brought forward rather to obtain an opinion on a doubsful point than to enforce penalties, he should not impose more than the nominal penalty of 49s.

At the Hirwain Coal and Iron Company (Limited) meeting the report of the directors, which was given last week, was adopted. The Chairman,

At the Hirwain Coal and Iron Company (Limited) meeting the report of the directors, which was given last week, was adopted. The Chairman, Mr. Handel Cossham, wished to console the shareholders on the losses which they had sustained, as was shown by the report of the directors, by stating that be believed there was a very hopeful future for them. With regard to the iron works which they had formerly possessed, he said arrangements had been entered into hy which they would get a royalty on all the iron made, and that would bring them in an amount considerably more than they had paid for the fron works, and give them in addition, he hoped, 5 per cent, upon the outlay. He was also glad to inform them that the Admiraity had bought largely of their coal during the year. Before the meeting closed, Messrs. Cossham and W. D. Wethered were unanimously re-elected directors.

A number of the workmen of the Blacnavon Iron Works met to present a purse containing 43l. to Mr. Thomas Smith, late the manager of the mills in those works, in commemoration of the respect in which he was held. Mr. John Lynn, manager for the Glamorgan Coal Company of

Wethered were unanimously re-elected directors.

A number of the workmen of the Blaenavon Iron Works met to present a purse containing 43L to Mr. Thomas Smith, late the manager of the mills in those works, in commemoration of the respect in which he was held.

Mr. John Lynn, manager for the Glamorgan Coal Company of their collierles at Gilfach-goch, has been presented by the workmen under his charge with a testimonial upon the occasion of his leaving them to take the management of the Liwynypia Colliery of the same company. The testimonial consisted of a massive and handsome tea and coffee service of plate, with rur and tray to match, and the presentation was made at the Mount Pleasant Ing. Gilfach-goch, by the foreman of the works, who concluded an appropriate speech by reading the inscription on the tray:—" Presented to John Lynn, Esq., by the workmen of Gilfach-goch Collieries, on his leaving, as a mark of the estimation in which he was held amongst them as their manager."

The arrivals at Swansea include—Zalia, from Navassa, with 420 tons of phosphate rock, for Vivian and Sons; Pro. Tem., from Bilboa, with 492 tons of phosphate rock, for Vivian and Sons; Pro. Tem., from Bilboa, with 492 tons of iron ore, for W. H. Tucker; Havre (s.s.), from Havre, with 35 tons of silver ore and one case of shoes, to order; Geres, from Bilboa, with 291 tons of from ore in bulk, for W. H. Tucker; Tocopilla, from Recupilla, with 392 tons of copper regulus, for Efford, Williams, and Co.; and 25 tons borate of lime, for Elchardson and Co.; Horradura, from Callera, with 581 tons of copper regulus, for Elford, Williams, and Co.; and 25 tons of bar copper, for Elford, Williams, and Co.; and 25 tons of copper regulus, for Elford, Williams, and Co.; and 25 tons of copper regulus, for Elford, Williams, and Co.; and 25 tons of copper regulus, for Elford, Williams, and Co.; and 25 tons of copper regulus, for Elford, williams, and Co.; and 25 tons of copper regulus, for Elford, williams, and Co.; and 25 tons of copper regulus, for Elford

REPORT FROM DERBYSHIRE AND YORKSHIRE.

Nov. 25 .- So far as regards trade in Derbyshire, it is decidedly bet Acc. 25.—So far as regards trade in Derbyshire, it is decidedly better than it has been, both at the iron works and the collieries. The greater part of the furnaces, from Eckington to the southern part of the county, are in blast, so that there is now a very large output of iron. A considerable quantity of ironstone is being imported from other districts, it being found that in many instances a judicious admixture of the foreign with the local ore produces an improved quality of iron. Pipes and other castings are in better request, as are most qualities of manufactured iron. The demand for coult of nearly all descriptions is now good, and a very large tonnage. coal of nearly all descriptions is now good, and a very large tonnage of household qualities is being forwarded from Clay Cross and other leading localities to London and the South, so that the Midland line leading localities to London and the South, so that the Midland line are now doing a very extensive business direct to St. Pancras. The Great Eastern, which has extensive depoits at Whiteehapel, is also conveying a very heavy formage via Peterborough? Gas and steam coals from the Midland Count'les are in good request, and a telerably fair quantity is being sent to the Wostern Counties. The establishment of classes for Technical Education have been in every way successful in South Derbeshire, more particularly at Staveley and Clay Cross. Such being the case, evening classes for the ordinary branches of education for youths and adults have been formed at Staveley, and have been difficulties and adults have been formed at Staveley, and have been of education for youths and adults have been formed at Staveley, and have been of education for some and the staveley and have been of education for youths and adults have been formed at Staveley, and have been of even difficulties attractive—has promised to give money prizes for efficiency. We are happy to be able to state that the name of Mr. C. Markham has been put on the Commission of the Peace; and, from our own knowledge of that gentleman, we feel assured he will be a valuable addition to the Derbyshire Bench, bringing, as he will do, thorough practical ability, and a knowledge of working men, their habits and poculiarities, possessed by few who sit on the magisterial bench. He will, therefore, in every sense of the tern, be "the right man in the right place."

Owing to the advance made to the puddlers in Staffordshire a like concession has been demanded by the men in South Yorkshire, and

concession has been demanded by the men in South Yorkshire, and the demand not having been immediately complied with—although concession has been demanded by the men in South Yorkshire, and the demand not having been immediately complied with—although not objected to by the masters—there has been a stoppage of work for a few days. There is, however, no likelihood of any interruption to the trade, which just now is tolerably active in nearly all branches. Ralis and plates are in brisk request, and there are some very fair orders in hand for eastings of various descriptions. The Bessemer Steel Works just now are very busy indeed, and there are orders in hand to the extent of some thousands of tons, it is said, now in cause of being given our. Seeing that the duty on Bessemer rails is to be reduced to a mere nominal sum, something like 2s. 6d. per ton, in February, there can be little doubt but there will be a very large demand indeed for delivery at the reduced royalty. The Coal Trade is now far more active than it has been at any time during the year, so that an increased tonnage is being forwarded by the Great Northern Raliway to London, and also by the Great Eastern. Steam coal to Grimsby and Hull has been so far in good request, but as recent advices state that the ice is forming and floating at Cronwardt the trade in the North of Europe may now be said to be all but closed for the present year. On the whole, it has scarcely been equal to that of last year, while the competition was much keener, and as a consequence the prices were lower. There is rather more doing in engine fuel into Lancashire, and about an average a glanality for the season is being sent to the home ports from Goole. Once continue and the light Style Colliery, Barnsley, where the coal caught firesome five or a wift from the top of the debris used in falling it up is being made some 50 to 60 ym. At the High Style Colliery, Barnsley, where the coal caught as strong barrier of coal between the and the place where the fire is known to have existed.

The Council of the Sc tuth Yorkshire Miners' Association consider the award of the arbitrate of a spice of the second a

gret for the inconvenience incurred by both parties, and hoped that if any future question arises every means will be tried to arrive at an amicable conclusion be-

THE LANCASHIRE COLLIERY PROPRIETORS, AND THE WAGES QUESTION.—A private meeting of the proprietors of collieries in the Wigan and St. Helen's districts was held at the Angel Hotel, Liverpool, on Thursday, for the purpose of considering the claim made by the colliers for an advance in wages. After a lengthy discussion the meeting was adjourned for a fortnight, no definite conclusion having been arrived at.

REPORT FROM THE NORTH OF ENGLAND.

Middlesborough, Nov. 24.—Our weekly iron market was even stronger than it has been for many weeks past. The demand for pig-iron from all quarters is heavy, and makers generally being well sold forward, are refusing to book orders unless a considerable advance in price is obtained: 47s. for No. 3 was paid by many buyers this week, and only at 51s. for No. 1, and 46s. for No. 4, could consumers get supplies; in fact, there are only a few sellers who are really quoting at all even these rates, the principal houses being so largely committed for the first half of next year, and the prespect of prices becoming all even these rates, the principal houses being so largely committed for the first half of next year, and the prospect of prices becoming stiffer than yesterday's were, has led them to close their order-books altogether—at least for the present. Many consumers have been holding back their orders for next year's requirements, in the expectation that prices would weaken, and that they would be able to drive easier bargains, but they now find a difficulty in making contracts, except at 3s. and 4s. per ton more than the rates quoted a few weeks ago. Continental demand is good, and large sales are said to have been effected lately at the current rates. The more favourable weather of the past for days he keeping to the post favourable weather of the past for days he keeping to the proster a small been effected lately at the current rates. The more favourable wea-ther of the past few days has brought to the north-east ports a small fleet of vessels and steamers, which have been quickly chartered, but there is still great complaint of the scarcity of craft, which is, in some instances, seriously delaying deliveries. The totals and shipments during the past week or so have not, however, been poor, and large quantities of iron are being got away. The 96 or 99 furnaces now blowing in the district are keeping up a good average make, which will soon be considerably augmented by new furnaces and replacements, which are being rapidly pushed on. Messrs. Mills, Gjiers, and Co.—the new blast, furnace company—have completed their arplacements, which are being rapidly pushed on. Messrs. Mills, Gjiers, and Co.—the new blast-furnace company—have completed their arrangements, and are expected to be making a start with the erection of their furnaces almost directly. On Monday night a fire, which resulted in the total destruction of a windmill, and a joiner's shop immediately contiguous, both the property of the Middlesborough owners, occurred at Cargo Fleet, and was caused, it is said, by the bursting of a ball of slag (from Messrs. Cochrane's furnaces), which was being tipped a little distance from the scene of the conflagration, some portion of the slag falling into the joiner's shop. The damage, which is only partially covered by insurance, is reported to be about 3000%. be about 3000%.

All manufactured iron branches are busy. Notwithstanding this is usually the dullest portion of the year, the demand for rails and other finished iron is considerable, and some extensive specifications are now in the market. It is sincerely to be hoped that no wages difficulty will spring up to mar the present good prospect of regular employment for the forges and mills during the coming year. Application has recently been formally made to the masters by the men for an advance of 10 per cent., and also for the abolition of Sunday fettling. Both questions will, doubtless, be brought forward at the coming general meeting of the Board of Arbitration and Conciliation, when an amigable disposal of the matters is confidently expected. when an amicable disposal of the matters is confidently expected. The shipbuilding trade is still characterised by briskness, and the plate mills of the district are all making good time. On Saturday last Messrs. Backhouse and Dixon, of this town, launched the screwsteamer Fox, a new boat, for Messrs. Williams and Purvis, metal brokers. She was fitted up by Warsop's æro-steam patent, which is the first time that this invention has been applied in this line. The engines were by Messrs, Joy and Co., of Stockton. All engineering engines were by Messrs. Joy and Co., of Stockton. All engineering departments in the neighbourhood are well employed, and turning out large quantities of work. Bridge builders have their time fully engaged, and the manufacturers of bolts, &c., have almost more than

engaged, and the manufacturers of bolts, &c., have almost more than they can manage to accomplish. The Coal and Coke Trades are gradually improving, and favourable reports are received from nearly all parts in the North.

As was stated in last week's Journal, the next meeting of the Iron and Steel Institute will be held on Thursday next, at the South Kensington Museum. Mr. Menelaus will read a paper "On Improved Machinery for Rolling Rails," Mr. G. H. Benson "On the Generation of Combustible Gases under Pressure," and Mr. Thomas Whitwell "On a Fire-Brick Hot-Blast Stove," The papers read at the late meeting by Messrs. I. L. Bell and J. P. Budd will be discussed.

THE MIDLAND AND GREAT NORTHERN RAILWAYS. ARBITRATION AS TO MINERAL RATES.

Much surprise is felt by the coalowners in South Yorkshire as to the very tardy manner in which the arbitration as to the mineral rates to be charged by the Midland and Great Northern Railway Companies is being carried out. Some considerable time has elapsed since panies is being carried out. Some considerable time has engreed since Sir John Karslake was appointed arbitrator, and, so far, all that has been done has been the taking of some evidence on the part of the Derbyshire coalowners, who at the present time enjoy the largest share of the coal trade to London and the South. For several months share of the coal trade to London and the South. For several months past the colliery owners of South Yorkshire have suffered much in consequence of the difference in the rate between the two companies, keeping them all but out of the markets in which they formerly did a large business; and after having memorialised the Great Northern for a reduction of the rate, and that company having referred the matter, according to arrangement with the Midland, to arbitration, they think it very hard that their interests should be delayed, and so

unnecessarily, by the person appointed as arbitrator.

The evidence already adduced on the part of the Derbyshire owners is to the effect that the coal raised in their districts costs fully 2s, per ton more than that raised in South Yorkshire. Upon what grounds such a statement rests is not apparent, seeing that the Variable per ton more than that raised in South Yorkshire. Upon what grounds such a statement rests is not apparent, seeing that the Yorkshire coslowners are prepared with evidence to show that they pay a higher rate of wages than almost any other district in the kingdom, whilst, as a rule, they have to pay something like 300L per acre for the Barnsley seam of coal, as well as for the Silkstone seam—a sum far exceeding what is paid in Derbyshire for a similar coal, taking into consideration the relative thickness of the respective beds. Such being the case, the settlement of the question at once is in every way necessary, seeing that in its present state the trade is, and likely to be, in an unsettled condition so long as no decision is given as to the point in dispute hetween the two companies, which is of the deepest the point in dispute between the two companies, which is of the deepest importance to coalowners—more especially in South Yorkshire.

THE COLLIERY EXPLOSION NEAR FROME.

We are by no means surprised at the result of the inquest on the 11 men and boys who were killed by an explosion, on Oct. 22, at the the present year. On the whole, it has scarcely been equal to that of last year, while the competition was much keener, and as a consequence the prices were lower. There is no dolor in engine fuel into Lancashire, and about an average, "approduced, and for which there is a ready sale for coke contine. The contine the light Style Colliery, Barnsley, where the coal caught all that is man. The weeks ago, the upcast shaft is still scaled up. In the cupled fire some five or well as the produced, and for which there is a ready sale for sample five or well as the produced, and the place where the fire is known to accept the decision, and continue their employment. The dispute arose in consequence of a propos. The council of the St. with Yorkshire Miners' Association consider to accept the decision, and continue their employment. The dispute arose in consequence of a propos. The price in following up banks from 9s. 3d. to 8s. 3d. per dozen corves, and was, by mutual consent, submitted to Mr. W. Spencer Stanhope, of Cannon Ha. 1, for arbitration. After carefully hearing both sides, he found that, considering the wind the colliers in the following up and leading banks, and the difference between these colliers in the following up and leading banks, and the difference between the price of the price of the colliers. Stanhope expressed rether price 9s. 1d. per dozen corves, and strong banks of the colliers in the following up and leading banks, and the witches are considered. The connection of the colliers is the statements and the witches are consequenced to the price in following up banks in the following up and leading banks, and the witches are consequenced to the price in following the colliers in the following up and leading banks, and the witches are consequenced to the price in following the colliers in the following up and leading banks, and the witches are consequenced to the price in following the colliers in the following up and leading banks, and the witches are colliers in the following up and leading banks, a

morning, and that any dereliction of duty on their part might, and may have led to a serious and terrible catastrophe.

led to a serious and terrible catastrophe.

How few of the explosions in which hundreds of lives have been sacrifieed have been satisfactorily accounted for. How many may have been caused by an act of onission on the part of a fire-trier, who up late at night, and overcome by drink, has been unable to efficiently go his round, or incapable of discovering the presence of gas. Were it possible to arrive at the truth, it is to be feared that the cause of many of the explosions might be traced to some such cause. The result of the inquest at Westbury shows how necessary it is to have men in position of overmen and fire-triers on whom the greatest confidence can be placed, and whose experience has been such as to justify their appointment to a position in which the lives of hundreds of men are placed in their hands. Such is not only necessary for the sake of the workmen, but also in the interests of the owners, whose property is sacrificed by explosions, often involving the loss in single cases alone of many thousands of pounds.

RECENT VISIT TO THE ASPHALTE MINES AND WORKS OF PYRIMONT.

It is not a little curious how little is commonly known in Great Britain of the Asphalte industry of France—one thought so important abroad, and to which we are indebted for whatever asphalte is employed by engineers or architects in our own country. It is equally remarkable how much more largely and universally asphalte is employed on the Continent than it is with us; though there, as here, it competes with artificial—so called—asphalte, made from coal-tar, or its distillation educts, mixed with sand, clay, lime, &c. Chemically this artificial asphalte may not quite improperly take its title, but its physical properties as a cement or a covering are very different from those of the natural asphalte, and, in certain respects, inferior. For mere water-staunch coverings there is no question but that the coal-tar asphalte may, by proper management, be made to answer perfectly; and even as a covering for foot-ways, the experience of many of the trottoirs of Paris proves that in skilled and careful hands it can be so laid as to be moderately resistant of strong sun heat, and perfectly so of moisture, and, therefore, of frost. But even when laid with the utmost skill it does more or less soften with the sun, and the foot leaves its impression if the surface be stood It is not a little curious how little is commonly known in Great even when had with the utmost skill it does more or less soften with the sun, and the foot leaves its impression if the surface be stood upon without motion for a few seconds. Whilst badly prepared—with any excess of coal-tar—or with the earthy material badly diffused and incorporated, foot-ways of this artificial asphalte get perfectly sticky, and even half liquid here and there; and "blow-holes" of vapour of some volatile coal-oils open here and there, which afterwards permits the entrance of water, and the next hard frost splits of vapour of some volatile coal-oils open here and there, which afterwards permits the entrance of water, and the next hard frost splits up more or less the adjacent surface. No more valuable or suitable use for this artificial asphalte has been indicated than that so largely found for it in Manchester and Liverpool—for the cementing together of granite pavement for the streets. It is strange that this employment for it has been so little noticed in London, where we would commend its extension. This great difference between the physical properties as aconstructive material of the artificial asphalte, and the natural asphalte of Sevssel or Pyrimont, arises really not physical properties as a constructive material of the artificial asphalte, and the natural asphalte of Seyssel or Pyrimont, arises really not so much, if at all, from any differences in the chemical properties of the bituminous matter in each respectively, as to the state in which it is combined by mixture with the solid matters in the two cases. Natural asphalte, more or less like that of Seyssel and Pyrimont, is found in many parts of the world, and in rocks of several different ages or formations, but most usually the rock in which the asphaltic beds are found is calcareous. It is so at Seyssel and Pyrimont, the mines at which places on the yight bonks of the series of the ser the asphaltic beds are found is calcareous. It is so at Seyssel and Pyrimont; the mines at which places, on the right bank of the Rhone, between Bellegarde (the frontier fortress of France) and Culoz, about an hour and a half by rail from Geneva, are situated in the Jura limestone. When the Pyrimont station is reached, close to the grand sweeping current of the united Arve and Rhone, the asphalte works of Pyrimont, the property of Monsieur de Malo, are seen close to the river brink, and a short but steep walk, after crossing the railway, brings us up to the nearest of the many asphale workings which supply the works. Asphalte is brought to them also from more distant parts of Savoy (still in the Jurassic limestone formation or in the "Molasse") by barges across and a little down the river, as also to Seyssel, which is a few miles lower down the Rhone upon the same bank, and whose natural mineral riches and manufactured material are identical almost with those of Pyrimont.

rial are identical almost with those of Pyrimont.

The land here slopes rapidly from a sort of rolling and rather inclined mountain table to the south-east of the Jura chain, and from 400 to 600 ft. above the Rhone, down to the river's brink. Climbing about 300 ft. up this steep from the railway, we arrive at the first 400 to 600 ft. above the Rhone, down to the river's brink. Climbing about 300 ft. up this steep from the railway, we arrive at the first excevated face of rock, from out of which the asphalte has been extracted, and from which much more remains to be got out. There are horizontal galleries lower down, nearly on the level of the rails, from which asphale is also obtained, the beds to which these lead being deeper in the rock. The asphalte-bearing bed, at the upper working, which are partly opened to the day—a sort of quarry of limited height, with the heavy cap of covering not removed—is from 5 to 8 or 10 feet in thickness, nearly continuous, but very irregular, both in thickness, richness, and form, and commonly with very ill-defined boundaries, at the upper or roof side of the seam at least.

The formation of calcareous rocks, known as the Jurassic from

The formation of calcareous rocks, known as the Jurassic, from The formation of calcareous rocks, known as the Jurassic, from characteristic they afford of the material of the irregular range of mountains stretching along to the north and north-west of the lake of Geneva, and called in globo the Jura—though one long mountain alone properly bears that name—consists of a vast variety of calcareous materials from incoherent marls and hard limestones of nearly pure carbonite of lime, to sandy marls and limestones, loose sands with more or less calcareous dust or mud mixed, and liassic limestones of variable headness, but often very hard, and containing waviable research bonite of lime, to sandy marls and limestones, loose sands with more or less calcarcous dust or mud mixed, and liassic limestones of variable hardness, but often very hard, and containing variable proportions of alumina, magnesia, and silica (in a soluble form), which produce in certain beds admirable hydraulic limes. These various qualities of limestone are in many places found mixed up together in a sort of discontinuous stratification, and in the most irregular way and forms; such is very much the case at these Pyrimont mines. The main mass of the rock exposed is of very variable petrological character, yielding more or less fat or non-hydraulic lime when burnt; but it contains with a rude irregular sort of discontinuous continuity three remarkable beds. The middle one of these, the asphalte, is the subject of our notice; above it generally (not always) is found a greenish-grey, soft marl, coherent but friable, and below it a seam, of variable thickness, of dense, close, fawa-coloured and grey liassic limestone. The asphalte bed is of a dark hue, varying from perfect blackness, but without lustre, to a soft grey or yellowish brown. It is, in fact, only a bed of porous limestone, very variably, but most thoroughly impregnated naturally with bitumen. This latter can be completely washed out from pulverised specimens by means of sulphuret of carbon as a solvent, and the limestone then appears almost as white, and soft, and fine as powdered chalk. It is, in fact, almost chemically pure carbonate of lime, containing merely a trace of peroxide of iron, and appears to hold the water found in it merely in mechanical suspension. The asphalte is worked on the plan called in coal workings "pillar and stall," and is all taken out by blasting, the consumption of powder being, however, very triling; when detached, its fracture is coarse, and generally earthy; the surface of fired curves traight, or tending slightly to conchoidal. It is soft, so that one piece of asphalte leaves a large umber-brown streak when rubbed dagai to the hand, but soils strongly, and exhales a peculiar once recognised is not easily forgotten. Occasions parts of the seam show glistening master joints and cross ones slimed with gluey asphalte; and now and then, though rarely, cavities are found in the rock more or less full af actual liquid asphalte. These indications occur wholly in the harder portions of the seam and in its lower portions.

[To be continued in next week's Mining Journal.]

IMPORTANT PATENT CASE—POUPARD V. FARDELL.—A valuable hint, which may be worth the attention of patent agents in future, was given by Vice-Chancellor Malins in this case. His honour remarked that Mr. Poupard's specification (which was drawn by Messrs. Robertson, Brooman, and Co., of Fleet-street), with the drawings accompanying it, explained his invention with sufficient clearness to prevent the public from being misied. The words, "but I do not limit myself to so shaping it" would have been better omitted, but upon one of the authorities cited, and upon no principle of justice, could be come to the conclusion that the introduction of them vitiated the patent. The plaintiff was entitled to the perpetual injunction for which he asked it to the delivery up by the defendant of all patented skids in his possession; to an account, and to an enquiry as to damages; and the defendant must pay all costs of the suit.

Mr. Thomas Smith, late mill manager to the Blaenavon Company

Mr. Thomas Smith, late mill manager to the Blaenavon Company the is about leaving the neighbourhood, has been presented with a handsome estimonial, as an acknowledgment of esteem and respect,

THE GIEW CONSOLIDATED MINES,

In the Parishes of TOWEDNACK and LELANT, CORNWALL A MAP of the ST. IVES, LELANT, and TOWEDNACK MINING DISTRICTS may be had, GRATIS, by applying to Mr. TREWEEKE, Uny Lelant, Hayle, Cornwall.

THE GIEW CONSOLIDATED MINES,

In the Parishes of TOWEDNACK and UNY LELANT, CORNWALL. A PPLICATION for WHOLE SHARES, 48ths (£250); HALF SHARES, 98ths (£125); or QUARTER SHARES, 192ds (£62 10s.), to be made to Mr.T. Trewerker, Jun., Uny Lelant, Hayle.

FIFTEEN SHARES only unappropriated.

MR. THOMAS TREWEEKE, JUN., UNY LELANT, HAYLE, MR. TREWEEKE has always ON SALE PUMPING ENGINES, WINDING ENGINES, STAMPING ENGINES, and every other description of materials used in a mine, both new and secondhand, of the very best quality and manufacture, and upon the easiest terms.—Nov. 11, 1869.

CAPTAIN ABSALOM FRANCIS, GOGINAN, ABERYSTWITH, MINING AGENT, ENGINEER, AND SURVEYOR.

The great success which is attending the opening and working of the Mines in the counties of Cardigan and Montgomery, and the many properties placed at the disposal of Capt. ABSALOM FRANCIS, induces him to offer his services, either to ADVISE, INSPECT, REPORT, or SURVEY, for Mining Companies or private shareholders. or private shareholders.
For terms, apply to Capt. Absalom Francis, as above.

M. R. W. WHITE (formerly Professor of Chemistry to the Collegiate School, York, and Branham College),
ASSAY OFFICE AND CHEMICAL LABORATORY,

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Assays of every description of Minerals, and Analyses accurately conducted, Instruction in Assaying and Chemical Science. Lectures to Schools and Public Institutions. Mining Property Inspected and Reported upon. Consultations upon subject-matter of Chemical Patents, Manures, and suspected Adulterations and Impurities of Articles of Food and Commerce. Author of "Chemistry for Students," "Hints from a Chemist," "Chemistry of Vegetation," "England's True Wealth, or Foccal Matters in their Relation to Agriculture," "The Graphite Fields of Tigonderoga," "Mineral Resources of Newfoundland," &c., &c.—Oct. 7, 1869.

GAIFRON WHEAL VAN

SITUATE IN THE PARISHES OF LLANGURIG AND LLANLIDLOES, MONTGOMERYSHIRE.

MONTGOMERYSHIRE.

Capital £12,500, in 5000 shares of £2 10s. each.

Payment—£1 upon application, and £1 10s. upon allotment.

The company to be constituted at first upon the Cost-Book System, and changed after the First General Meeting of the Proprietors into a Limited Liability Company, and registered under the Companies Acts, 1862 and 1867.

Share certificates to be issued to bearer. No registration required, and no Hability incurred beyond the £2 10s. per share.

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CONSULTING ENGINEBR—Mr. RICHARD TREDINNICK.

SOLICITOR - P. GROSVENOR GREVILLE, Esq., 9, Cornbill, London.

SECRETARY (pro tem.)—Mr. THOMAS TREDINNICK.

OFFICES,—3, CROWN COURT, THREADNEEDLE STREET, LONDON.

PROSPECTUS.

The Gaifron Wheal Van Company is formed for the purpose of purchasing and working an extensive and very valuable mineral property situate to the west of the highly productive and profitable Van Mines, and is traversed by several celebrated lodes. The concession is held under a 'tack-note' for three years, from the 28th day of April, 1869, at a dead rent of £15 per year, and an agreement for a lease of twenty-one years, at one-sixteenth royalty, at the expiration thereof, from Hugh Davies, Eq., to Messrs. Benjamin Hollingswerth, John Williams, and Samuel Morris Ridge, who have assigned their interest to the present company for the sum of £500. Payment to be made in 1600 shree, £2 (0s. paid-up, and the remaining £1000 in cash.

The Van Mine was purchased by the present company during the year 1868 for the sum of £46,000, since which two dividends of £3000 cach have been declared, and the profits are mouthly advancing. The prospects as regards the future are second to no mine situate in the Principality. The shares, 12,000 in number, have advanced from £4.5 c. each to £35 to £40, equal to about £45,000, and it is stated by the executive that reserves of £300,000, lead and silver ores, are already the second to mine situated.

The geological and mineralogical characteristics of the two mines are the fitted, and the second in the

have advanced from £4 5s. each to £38 to £40, equal to about £450,000, and is stated by the executive that reserves of £800,000, lead and silver ores, are already accumulated.

The geological and mineralogical characteristics of the two mines are identical, and the several lodes that pass through the company's concession are proved productive for both copper and lead; it is, therefore, reasonably anticlipated that profitable results will be achieved.

Large dividends are now being paid by the lead and silver mines of Wales—as, for instance, Minera, Lisburne, Yan, Bonnfoyd, and many others. Fow enterprises amongst our home industries offer such tempting advantages as mining in the Lianlidloes district.

Authorities of the greatest experience in practical mining have expressed the most unqualified opinions in favour of the productiveness of the Galfron Wheal Van lodes. There has already been very large returns made from them, and the workings are at present in that position that trilling expenditure of "time and money" is required to render the workings productive.

The working capital of £7500 is deemed fully ample to develope the lodes, and to render them profitable; and, in the opinion of practical authorities, the mine will, as regards yield and gains, prove second to none in the district—yet, to protect the interests of shareholders, provision will be taken in the Articles of Association to create additional capital, if required.

Applications for shares to be made in the following form, addressed to Messrs. Tredining and constructions for shares to be made in the following form, the construction of the protect the profitations for shares to be made in the following form, addressed to Messrs.

Share on allotment.

Name in full.

Oate

Address in full

GAIFRON WHEAL VAN MINE.

London, Oct. 7, 1869.—I have known the above mine and the large tract of ground included in the company's grant for more than twenty years, and am well acquainted with the underground workings and the circumstances under which the works became abandoned some few years ago, and these were wholly exceptional, having no reference whatever to the merits of the adventure, but arising solely from the sudden death of the largest shareholder, and the circumstances that sprang therefrom. At this time the returns of copper were considerable, and ranged for a long period at from 20 to 30 and up to 50 tons per month, worth £25 per ton. In the bottom of the deep adit level there are two sinkings in the ore, and to a depth of from 20 to 25 fms., from which large quantities of ore were raised. There are other points of the lode wrought to an inconsiderable depth below this adit level also productive, and became suspended in consequence of having no pumping-power to drain the water. Above the adit level the ore is chiefly taken away, and in several places up to surface. There is a lead lode almost entirely unwrought, but in the partial operations effected the voin is found to be highly crystallised, containing large quantities of carbonate of lime, quartz, and charged with mineral, and very similar in character to the other lead lodes traversing the district. The company's grant contains also ther lodes, and there are many features interesting to practical miners as yet of fully 100 fathoms, and there is a never-failing supply of water, thus avoiding the heavy outlay and expense of maintaining steam machinery, Open out and bring the works into profitable play, and as soon as the water is out of the sinkings and workings below the deep adit level returns of rich copper ores can be brought to market; whilst discoveries of deposits of lead may be made at an early date from the commencement of operations on the lead lodes. In conclusion, I beg to e

MESSRS. THOMAS TREDINNICK AND CO., DEALERS IN GOVERNMENT SECURITIES, STOCKS, BONDS, DEBENTURES, AND SHARES,

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Docks, Insurance, Caual, Water, and Gas Shares.
Mortgages and Loans negotiated in all saleable or unquestionably valuable scurtties.
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Securities. Miscellaneous. ON SALE,—Government Securities, paying from 6 to 8 and 10 per cent., and other properties paying from 10 to 12 and up to 15 per cent.

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By RiCHARD TREDINNICK, Consulting Engineer.

3, Crown-court, Threadneedle-street, London, E.C.

In the Court of the Vice-Warden of the Stannaries.

IN the MATTER of the COMPANIES ACT, 1862, and of the EAST WHEAL RUSSELL MINING COMPANY.—TENDERS will be RECEIVED at the Registrar's Office. Truro, until Friday, the 3d day of December next, stating the highest price which will be given for both or either of the undermentioned ENGINES now being at

EAST WHEAL RUSSELL MINE.

In the Parish of TAVISTOCK, namely:—
ONE 40 in. ENGINE, 9 ft. stroke equal beam, with TWO 10 ton BOILERS, and ONE 12 and 7 in. combined WHIM ENGINE and cage.
The above may be inspected on application to John JAMES, the officer in possession at the mine.
HODGE, HOCKIN, AND MARRACK, Scilcitors, Truro.
Dated Registrar's Office, Truro, November, 25th, 1869.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

N the MATTER of the COMPANIES ACTS, 1862 and 1867, and of the SOUTH TREVENNA TIN AND COPPER MINING COMPANY (LIMITED).—Notice is hereby given, that ALL (REDITORS of the above named company are REQUIRED, on or before Thursday, the 9th day of December next, TO SEND IN THEIR NAMES and ADDRESSES, and the AMOUNTS AND PARTICULARS OF THEIR SEVERAL CLAIMS on the said con-

any, to— FREDERICK MARSHALL, Esq., Registrar of the said Court at Truro. Dated Truro, November 25th, 1869.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACTS, 1862 and 1867, and of the SOUTH TREVENNA TIN AND COPPER MINING COMPANY (LIMITED).—By an Order made by His Honour the Vice-Warden in the above Matter, dated the 22d day of November Inst., on the petition of William Howard Willcocks, of Plymouth, in the county of Devon, Mining Engineer, a contributory and also a creditor of the said company, it was ORDERED that the said SOUTH TREVENNA TIN AND COPPER MINING COMPANY (LIMITED) should be WOUND-UP by this Court under the provisions of the Companies Acts, 1862 and 1867.

B. J. B. FOWLER, of Plymouth (Solicitor for the Petitioner), J. G. CHILCOTT, of Truro (Agent for the said Solicitor).

(Agent for the sat Dated Registrar's Office, Truro, this 23d day of November, 186

Under the Companies Act, 1862

TO COLLIERY PROPRIETORS, AND OTHERS. IMPORTANT SALK of very VALUABLE PLANT AND MACHINERY, at the WYNN HALL COLLIERY, Within a MILE of RUABON STATION, on the Great Western Railway.

WYNN HALL COLLIERY,

Within a MILE of RUABON STATION, on the Great Western Railway.

MESSRS. CHURTON AND ELPHICK beg to announce that they have received instructions from the Liquidators, appointed for winding-up the affairs of the Wynn Hall Coal Company (Limited), to SELL, BY AUCTION, on Wednesday, Thursday, and Friday, December 1, 2, and 3, 1869, commencing each day at Hait, past Eleven for Twelve o'clock most punctually the WHOLE of the very EXTENSIVE, and to a great extent recently-creeted. PLANT of the COMMANY among which will be found TWO highly fluished first-class HORIZONTAL WINDING ENGINES, 40 and 50-horse power each, by Leigh, of Fairlieroft; TWO PUMPING ENGINES, DONKEY ENGINE, FIVE large BOILER*, about 150 pit wagons; 60 tons 14-lbs. plt rails, a large part scarcely used at all; complete sets of 5-in., 8-in., and 13-in. pumps and pump rods; about 60 tons locomotive rails, and many points and crossings; 50 to 40 sets of pony and horse gears; a 20-ton railway weighing machine, by Kitchin, with Hinde's latest improvements; two of Kitchin's pit bank 25-cwt. machines, with Hinde's latest improvements; two of Kitchin's pit bank 25-cwt. machines, with Hinde's additions; entire fittings of two smithles, quantity of steel churns and sinking tools. large galvanised and wooden buildings, many hundred square feet of wooden and galvanised roofing, powerful capstan which, new and old flat and round wire rope, large quantity of ashlar blocks for engine beds and wrought and cast scrap, several lots of break and other chalas, quantity of new irron and timber, six thumbling lacks and coal screens, several sets of landing catches, four pit carriers, two lotty pit heads, office furniture, dials and other surveying instruments, and other arcides too numerous to mention. Also the company's interest in about eighty 10-ton trucks, partly purchased.

Catalogues are in course of preparation, and may be had a week prior to the sale from the Liquidators, Messers. R. Cakwilins and T. E. Misshall, C.E., who will give every inform

BY ORDER OF LIQUIDATORS .- SPAIN. BY ORDER OF LIQUIDATORS.—SPAIN.

The THREE VALUABLE FREEHOLD COPPER AND SULPHUR MINES, known as Laplila, Companario, and Evidencia, the property of the Laplila Pyrites Company (Limited). together with the PLANT and MACHINERY, and cottages for about 200 miners, advantageously situate in the province of HUELVA, SPAIN, within easy distances of the important port of Huelva, near to Tharsis Mine and Thar-is Railway; also upwards of 3000 tons of ore now lying on the banks of the Laplila Mine.

MATERIES DERENHAM TEWSON AND EADMED WILL.

MESSRS. DEBENHAM, TEWSON, AND FARMER WILL SELL, BY AUCTION, at the Mart, near the Bank of England, in the City of London, on Tuesday, November 30, at Two o'clock, the desirable and valuable FREEHOLD MINES, known as

VARUADIC FREEHOLD MINES, known as

LAPILLA, COMPANARIO, AND EVIDENCIA.

Situate in the province of HUELVA, SPAIN. They have been fully opened, and preparations have been made for carrying on operations on an extensive scale. Upwards of 11,000 tons of the mineral have been supplied to large manufacturing firms in England, who are willing to bear testimony as to its value; also upwards of 3000 tons of pyrites ore.

Particulars, with conditions of sale, may be obtained of Messrs. Lewis, Munns, Nunn, and LONGDEN, Solicitors, 8, Old Jewry; and of the Auctioneers, 80, Cheapside, London.

IN VOLUNTARY LIQUIDATION UNDER THE COMPANIES ACT, 1862. THE LLANGYNOG UNITED MINING COMPANY (LIMITED), VALUABLE LEASEHOLD LEAD MINE, AND MINING PROPERTY, PLANT, AND EFFECTS FOR SALE.

PLANT, AND EFFECTS FOR SALE.

PLANT, AND EFFECTS FOR SALE.

R. T. W. HILL is instructed by Mr. Robert Woodford, the Liquidator appointed by the Company, to OFFER FOR SALE, BY AUCTION, at the Wynnstay Arms Hotel, 10 Swestry, on Thursday, the bid day of December, 1869, at Three o'clock in the afternoon precisely, in one or more Lots, and subject to conditions then to be produced, THE ENTIRE BENEFICIAL INTEREST of the LLANGYNOG UNITED MINING COMPANY (Limited), in the LLANGYNOG LEAD MINES, comprising all the valuable Productive and Extensive Mines, Veins, and Beds of Lead, Ores of Lead, and other Metals and Minerals, known collectively as the Llangynog Lead Mines, Reservoir, Water Supply Rights, Easements, and Interests thereto belonging or appertaining, comprised in the respective leases, licences, and agreements for leases, under which the same are now held and have been long worked by the company, situate in the several parishes of LLANGYNOG and PENNANT, in the county of MONTGOMERY.

And also the WhOLE of the MOVABLE PLANT and MACHINERY of the said company, which comprises TWO POWERFUL WATER WHEELS for pumping and winding, with all necessary gearing, capstan, ropes, and apparatus, office furniture, and other effects at the mine.

The mines, machinery, and plant will be found in full working order and condition, and may be inspected at any time upon application to the Manager at the Mines.

Detailed particulars of the various leasehold and other interests and plant will be shortly ready, and gray he obtained at the offices of the Llangynous descriptions.

at the Mines.

Detailed particulars of the various leasehold and other interests and plant will be shortly ready, and may be obtained at the offices of the Llangynog United Mining Company (Limited), Foregate-street, Chester; Mesra, DENNIS and GLENNIE, mining engineers, Hafodybwch, Ruabon; or Messrs, LONGUEVILLE, JONES, and WILLIAMS, solicitors, Oswestry; at each of which places maps of the property may be inspected, and all further information obtained.

LINTZ COLLIERY AND FIRE-BRICK WORKS. LINTZ COLLIERY AND FIRE-BRICK WORKS.

M. R. CHARLES BROUGH WILL SELL BY AUCTION, by order of the Liquidators of the Lintz Colliery Company (Limited), at the Queen's Head Hotel, Pilgrim-street, Newcastle-upon-Tyne, on Saturday, 11th December, at Two o'clock precisely, all that VALUABLE and CURRENT-GOING COLLIERY, called LINTZ COLLIERY, in the county of DURHAM, about nine miles from NEWCASTLE, comprising an area of 660 acres, estimated in the aggregate of the Main Coal, Busty Bank, Three-quarters, and Brockwell Seams, to contain 1825 acres or thereabouts of unworked Coal, together with the COLLIERY PLANT, agents' and workmen's houses, stables, fire-brick works, 158 coke-ovens, and all other erections and buildings belonging thereto.

The works are connected with the Blaydon and Consett Branch of the North-Eastern Railway.

Further particulars may be obtained at the offices of the Auctioneer, Blackettstreet; of Mr. G. H. Gooch, the resident agent, Burnopfield; Mr. J. N. Browx, Anglesey-chambers, Union-passage, Birmingbam; Mr. H. W. WAINWRIGHT, Dudley, Worcestershire; or Messrs, R. P. and H. Philipson, solicitors, Town Hall-buildings, Newcastle-upon-Tyne.

TO CAPITALISTS.

TO BE SOLD, BY PRIVATE TREATY, a VALUABLE COLLIERY, IN FLINTSHIRE, NORTH WALES, stuated in the central part of the above coal district, and close upon a main line of railway, at a distance of twenty-eight miles from the port of Birkenhead, and seven miles from

tance of twenty-eight miles from the port of Birkenhead, and seven miles from that of Connab's Quay.

The property is held under leases, and with adjoining land that may be obtained, comprises about 130 statute acres. Two commodious pits have been recently sunk through the different seams of coal, &c., with excellent new plant and machinery, consisting of pumping, winding, and other engines, and all necessary fittings requisite for raising coal at the rate of 100,000 ton sper annum. The seams of coal already proved are three in number, suitable for household and steam purposes, including the Cannel Coal, which is well adapted for gas purposes. With a moderate outlay these seams can be developed, and the coillery put in position to yield 1000 tons of coal per week in a short time.

For further particulars, apply to Messrs. MULLINGS, ELLETT, and Co., Solicitors, Cirencester; to Mr. Walter EDDY. Fron, Liangollen; or to Mr. ROBERT CADWALADR, Coedpoeth, near Wrexham, who will show the works.

Charity Commission.

IN THE MATTER OF THE CHARITY CALLED "THE CHURCH LAND CHARITY," IN THE PARISH OF GAYTON, IN THE COUNTY OF NORTHAMPTON.

NORTHAMPTON.

BY DIRECTION OF THE BOARD OF CHARITY COMMISSIONERS FOR ENGLAND AND WALES.—Notice is hereby given, that the Trustees of the above-mentioned Charity propose (with the authority of the said Board) to GRANT a LEASE of ALL the IRONSTONE and IRON ORE under a close of arable land at GAYTON aforesaid, containing 9 acres or thereabouts, for a term of FOURTEEN YEARS, with the reservation of an annual minimum rent of £250, and of the several royalty, rents, and provisions to be contained in such lease, unless some sufficient objection to the grant of such lease shall be made known to the said Commissioners within 21 days from the first publication of this notice.

Further particulars respecting the proposed lease may be ascertained by enquiry from Mr. Richard Howes, Solicitor, Northampton.

Any person prepared to notify such objection should forthwith transmit the same to the said Commissioners in writing, addressed to their Secretary, No. 8, York-street, St. James's-square, London.

HENRY M. VANE, Secretary.

IMPORTANT AND EXTENSIVE IRONWORKS, AT LAWTON, NEAR

SHIFFNAL, SHROPSHIRE, Adjoining the Great Western Railway.

TO BE SOLD, BY PRIVATE CONTRACT, subject to conditions as to title, all those recently and substantially-erected WORKS, situated near to SHIFFNAL, and known as

as to title, all those recently and substantially-erected WORKS, situated near to SHIFFNAL, and known as

THE LAWTON IRON AND STEEL WORKS,
Lately in the occupation of THE LAWTON IRON AND STEEL COMPANY (LIMITED).

The premises have been built regardless of cost on the most improved and economic principles, and judiciously arranged throughout with every convenience for carrying on an extensive and profitable trade.

The erectious comprise lofty sheet mill, with iron-plate floor, containing one 4ft, by 20 in, and one 3 ft, by 18 in, train of rolls, both trains worked by a 50-horse high-pressure horizontal steam-engine, four heating and annealing furnaces, three pair cropping and shearing shears, wood engine-house, and 6-horse pumping engine, two wells, elsterns, &c., with lofty steak; a conveniently placed set of offices, commodious warehouse, iron-plate floor, with store room and stocktaker's office attached, fitted with Kitchin's patent weighing machine, to weigh 30 cwts., cutting shears, &c., opening on to the railway siding by folding doors, with shed roof over.

Excellent wire mill, iron-plate floor, two trains of rolls complete, with supplementary speed to fluishing rolls; also a train of rolls, the whole worked by a 30-horse high-pressure horizontal steam-engine, and two heating furnaces adjoining, covered with shed roof; two capital firing boilers, one 30 feet by 6 feet.

Grease store and vault under superior eight-bole casting shop, capacious water elstern and supports, with vertical pumping ongine, well reservoir, &c.

Grease store and vanit under superior eight-more casting and repairs. And cleter and supports, with vertical pumping engine, well reservoir, &c. Lathe shop, with powerful lathe, 24 feet bed, capable of turning sheet, forge, and wire rolls; massive crane, and 6-horse high-pressure engine and boiler, slack hole, and stack; millwrights' shop, blacksmiths' shop, with double heavth. &c.

and wire rolls, massive crate, and colors and pressure legitle and boller, and stack; miliwrights' shop, blacksmiths' shop, with double hearth, &c.

The Old Forge, iron-plate floor, 75 feet by 48 feet, with 16 in. forge train, by Perry and Son, for bills; set of rolls for bars, worked by 40-horse horizontal high-pressure steam-engine, two force pumps, two pair shears, &c.; 6-ton helve, or tilting hammer, with machinery all complete, worked by a 25-horse high-pressure steam-engine, twelve pudding furnaces, and shed roofs attached; six powerful boilers, and two lofty stacks.

Clay house and mine house, two-stalled stable, and glg-house.

The New Forge, with iron-plate floor, 72 feet by 33 feet; forge train complete, 5-ton tilting hammer, worked by a 30-horse horizontal high-pressure steam-engine, with three 12 feet by 7 feet boilers, four puddling furnaces, and sheds over, and lofty stack.

Charcoal Forge, with three fires on the hollow principle, 4-ton helve, and grindstone, attached, driven by a 30-horse high-pressure steam-engine, with blowing cylinder, blast regulator, &c.; machine house, with Kitchin's patent machine, to welgh 15 tons, stable, &c.

There are six comfortable cottages, for the accommodation of the workmen, let at 2s. a week cach.

The whole of the above, with a large portion of the railway siding, comprise an area of 2% acres, which is freehold of inheritance.

The works are admirably situated on the Great Western Railway, affording direct communication to all parts of the kingdom. They have been erected in a most substantial manner, are in full working order, and immediate possession can be had, whilst their contiguity to the recently-discovered coal fields of Lord Granville and others, in the immediate neighbourhood, considerably enhances their value.

The whole of the TRADE PLANT, FIXTURES, and COSTLY MACHINERY

Granville and others, in the immediate beginning and COSTLY MACHINERY their value.

The whole of the TRADE PLANT, FIXTURES, and COSTLY MACHINERY will be included in the sale.

Further particulars may be had of Mr. Andrew Phillips, Solicitor, Shiffnal, and Messrs. Fallows and Smith, Temple-row, Birmingham.

SOUTH EXMOUTH MINE, HENNOCK, DEVON. FOR SALE, BY PRIVATE CONTRACT, the following, viz.:—

40 in. cylinder PUMPING ENGINE.

25 in. cylinder WHIM ENGINE, with CRUSHER attached.

60 fms. 11 and 12 in. PUMP'S in shaft.

30 fms. 11 and 12 in. PUMP'S at surface.

Timber, and various useful mining materials.

Apply to Capt. John Cornish, Frank Mills Mine, Christow; or to Mr. J. O. HARRIS, Public Accountant, 2, Gandy-street, Exeter.

FOR SALE.

THE ULING COAL MINES, situated in the district of NAGA, in the Island of CEBU (Philippine Islands). The distance from the maines to the sea shore is 16 kilometres, the whole of which is a carriage road.

The company possesses a reyalty of 60 lots, comprising together 9,000,000 of square metres of ground, with several seams of COAL, two of which, of three and four metres in thickness, have been proved through a distance of two kilometres.

and four metres in thickness, have been proved through a distance of two kilometres.

The principal workings consist of two drifts, each 550 metres in length, which have already cut through three of the coal scams, and are now (August, 1869) calculated to be within 50 metres distance of the large ones, and at a depth of 150 metres from the surface of the ground.

The Spanish war steamers have made use of this coal, the consumption of which has been recommended by the Government.

The company have cattle in abundance, carts, and every requisite means for conveying the coal as quickly and as economically as possible.

There are in the neighbourhood of the mines large forests, and large lots of uncultivated ground, which now produces timber necessary for the use of the mines, and which may afterwards be turned into tobacco or sugar cane plantations, for which purpose it is admirably adapted.

The mines in the Philippine Islands are not subject to any tax, and all machinery required for coal digging, &c., is free of any duty.

The laws allow any foreigner to purchase, keep, and work the mines.

The sale will take place in Manilla, by public auction, on the 31st May, 1870, For further particulars, apply to ROXAS HERMANOS, or to ANTONIO DE AYALA, Manilla.

RHENISH PRUSSIA.

SEVERAL VALUABLE MINES FOR SALE,—LEAD COPPER, BLENDE, and IRON. The Mining Laws of Pruesia give with the concession to work, an absolute right of property in the mine for ever, subject only to a royalty of 2 per cent.

Apply to Mr. Younghusband, 61/2, Wilhelm Strasse, Bonn-on-the-Rhine.

THE HENDREDDU SLAB QUARRY TO BE LET, on the ABERLLEFEDY VEIN, situated about three and a half miles from a railway station, in a very advantageous place to work. The sett contains about SEVEN or EIGHT HUNDRED ACKES, with water power to work a large number of machines. The quarry is sufficiently open to prove the quality of the rock and the regularity of the foot joints, which are good. Slabs of large dimensions are made, which can be seen.

Apply to Mr. EDWARD DAVIES, Mawddwy Cottages, Dinas Mawddwy, Merionetheshire.

TO BE SOLD,—A DIRECT-ACTING HIGH-PRESSURE PUMPING ENGINE, with cylinder, 70 in. diameter, and 9 ft. stroke, standing over the shaft, fitted with metallic piston, hammered iron piston rod, crosshead and coupling plates to matip pump rod, cast from silde bars and silde blocks, foundation beams, and holding down bolts. The valve box is fitted with two brass equilibrium valves and seatings, and two regulating valves The valve gem is worked by tuppets and two cataract pumps, the steam pipes up to and including a steam stop valve, and the exhaust pipes up to and inoluding a cast iron cistorn for heating the feed water.

The main pumps consist of a 21 in. ram pumps. about 125 yards in length. with

Ing a cast fron cisters for leating the feed water.

The main pumps consist of a 21 in. ram pump, about 125 yards in length, with brass clucks and leather lids; also a 17 in. ram pump, about 60 yards in length; and a bucket pump, 18 in. diameter, about 40 yards in length.

The main pump rod is of good pitch pine timber, about 14 in. square, jointed together with hammered iron plates and bolts.

The whole of the work was made by Mr. Robert Daglish, of St. Helens Foundry, and is in good working order, having only just stopped work from the water having been drawn off to another level, and may be seen any time on application at the Peasley Cross Colliery Office, St. Helens.

POR SALE,—THE UNDERMENTIONED ENGINES:— ONE 50 in. cylinder PUMPING ENGINE; with ONE BOILER. ONE 36 in. cylinder ROTARY STEAM ENGINE, 9ft. stroke, with 10 ton BOILER, wrought-iron fly-wheel shaft, and 12 ton fly wheel, nearly new from

he works.

ONE 12 in. cylinder rotary STEAM ENGINE, with ONE 6 ton BOILER.

THREE Cornish BOILERS, from 10 to 12 tons each, in excellent condition.

Also, several Cornish CRUSHERS, of various sizes.

For further information, apply to W. MATHEWS, Engineer, Tavistock.

Tavistock, Aug. 17, 1869.

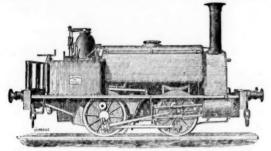
FOR SALE, cheap, a 25-horse power PORTABLE STEAM ENGINE, now, and with all recent improvements, guaranteed. FIRST-CLASS PORTABLES, 9-horse power, 12-horse power, and 14-horse power, which only consume 5 lbs. of coal per horse power per hour, on advanged power, which only consume slips of toward power, which only consume slips of the same state of the sam

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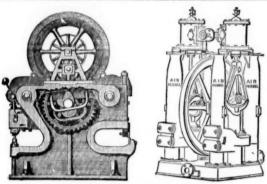
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FOR STEAM AND OTHER ENGINES,
Effecting a SAVING of FIFTEEN PER CENT. IN FUEL, with TEN PER
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WINDING INDICATOR. THIS INDICATOR, in addition to its ordinary use, INDICATES and REGISTERS the NUMBER of WINDINGS, thus enabling the Manager to check at a glance the returns of the Banksman or Cierk.

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THE PATENT JIGGING MACHINE COMPANY

T. CURRIE GREGORY, MINING ENGINEER

OFFICES,-62, ST. VINCENT STREET, GLASGOW.

These companies possess the patents for the most approved machinery for all the processes of dressing ores, whereby a very great saving in cost is effected. The machinery is in successful operation at several mines in the kingdom, and is in increasing demand.

Mr. GREGORY, in connection with skilled engineers in various mining districts, has paid for the last two years special attention to this important department of mining, and it is only now, the process being in successful operation, that the attention of the public is called thereto.

Mr. GREGORY will be pleased to answer all enquiries, and give orders for inspection. He is prepared to give designs and estimates for the supply of machinery, and for the laying out of floors.

spection. He is prepared to give design chinery, and for the laying out of floors.

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Offices, 68, Fleet-street, E.C., London, corner of and entrance in Whitefriars.

The Virtuous Lady Mining Company

INCORPORATED UNDER THE COMPANIES ACTS, 1862 AND 1867.

Capital £15,000, in 15,000 £1 Fully Paid-up Shares.

N.B.—The whole of the shares are taken up. The present quotation is £2 10s. per share, and a limited number only will be disposed of at that price, as they are rapidly advancing in value.

The directors were chosen at the First General Meeting of Shareholders, which took place on Wednesday, September 1, 1869, at the Bedford Hotel, Tavistock.

BANKERS-THE WEST OF ENGLAND AND SOUTH WALES DISTRICT BANK. SOLICITOR-MR. EDWARD CHILCOTT, Tavistock. SECRETARY-MR. THOS. J. BARNARD, 5, Abbey Mead, Tavistock.

The virtuous Lady Mine is situated about 3 miles south-west of the town of Tavistock.

The sett, which is very extensive, and comprises the most highly mineralised ground in the two counties of Devon and Cornwall, is held upon lease for 21 years, from Sir Massey Lopes, Baronel, dated July, 1869, upon a royalty or dues of 1-18th.

Almost unlimited water-power is a available, as the rivers Waltham and Tavy pass through the sett.

Historical records set forth that this mine was worked by the ancients for silver, and that the caverns which were formed by mining industry were in later years inhabited by banditti. It is generally known that well advanced in the present century the mine has returned tens of thousands of tons of rich copper or. It is, however, quite apparent that in the past the intrinsic value of the percy was unknown, and, therefore, never duly appreciated, or it would be more developed, and the treasures already discovered not left for the precy was unknown, and, therefore, never duly appreciately, about 17 fathoms from surface, which will readily show that really s

N.B.—The machinery was started on Saturday, October 16th, with the greatest success.

HENRY VORLEY,

IMPORTER AND REFINER OF

OILS, TALLOW, GREASE, AND

WHOLESALE DEALER IN Cotton Waste, Lamp Cottons, Steam Cement, Colours, Paints, and General Colliery and Engineers' Stores.

MAKER OF "THE 'REGISTERED' DOUBLE-REFINED MACHINE OIL," For Engines, Lathes, Planing Machines, &c.
AND THE IMPROVED BROWN CORVE OIL FOR COLLIERIES

LANE, SHEFFIELD. BRAMALL

A SAVING OF ABOUT FIFTY PER CENT. Is effected by the use of the PATENT DON LUBRICATING OIL,



In place of OLIVE and other kinds ordinarily used on STATIONARY, LOCOMOTIVE, MARINE ENGINES, and MACHINERY of all kinds, and the undersigned are so satisfied of the correctness of this statement, that they are willing, at their own risk, to forward a cask of about 30 gallons for trial to any respectable person or company, on the understanding that it may be returned in a month if it should not answer, when payment would not be required, except for the quantity used.

There are two kinds,—the medium for engines and heavy bearings, and the light for spindles and light work. This oil will lubricate as well, and lasts as long, as olive, neats'-foot, and other expensive kinds, and is superior to rape, which is fully 50 per cent, dearer.

It never "CLOGS," nor leaves any "GUMMY" deposit upon the bearings, which, therefore, never require cleaning or scraping, whereby much time, labour, and expense are saved. It is in use and approved of by the majority of the iron and coal companies in West Lancashire, where it was first introduced but a few months ago, also by several ocean steamer and ferry proprietors on the Mersey and elsewhere. Printed particulars and testimonials sent, post free, to any address.

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ESTABLISHED 1847.

OLDBURY WORKS, NEAR BIRMINGHAM.
MANUFACTURERS of RAILWAY CARRIAGES and WAGONS, and EVERY
DESCRIPTION of IRONWORK.
Passenger carriages and wagons bullt, either for cash or for payment,
over a period of years.

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LONDON OFFICE,-118, CANNON STREET, E.C.

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PERRANARWORTHAL, CORNWALL.
MANUFACTURERS of STEAM PUMPING and EVERY OTHER KIND of
ENGINES, together with BOILERS, PUMP CASTINGS, and MINING TOOLS
of every description, of the very best quality. Estimates given for the supply of
any amount of machinery.
London Agent.—Mr. EDWARD COOKE, 76, Old Broad-street, London, E.C.

LABORATORY OF ANALYTICAL CHEMISTRY,—

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ANALYSES and REPORTS on METALLIC ORES, METALS, &c., daily at ended to by Dr. T. L. Phipson, F.C.S., Member of the Chemical Society of Paris, &c.

THE CHIVERTON AND PERRANZABULOE MINING DISTRICT. JUST PUBLISHED, a neatly LITHOGRAPHED MAP of the above district, showing the relative position of mines, all known lodes cross courses. &c.
Size of map, 3 feet 5 inches by 2 feet 6 inches. Price, coloured, mounted, and varnished, £1 is.
Applications for copies to be addressed to Mr. E. H. Brenton, Truro, or to William Brenton, Plain-an-Gwarry, Redruth, Mine and Land Surveyors, Dranghtsmen, Lithographers.—Dated Nov. 10, 1869.

T H E V A N D I S T R I C T.—
Mr. SPARGO has RETURNED to TOWN from a tour of inspection of
the mines of this celebrated district. He has satisfied himself of the great
value of many of the setts now being developed, and is PREPARED to GIVE
a CONFIDENTIAL OPINION and PROFESSIONAL ADVICE, either person-

ally or by letter. Fee, £2 2s. Gresham House, Oct. 8, 1869.

THE MINING ATLAS.

Part IV. now in the press. Will contain particulars of the various mines in the Van district, with plan nowing their position and line of lodes.

T. SPARGO, GRESHAM HOUSE, OLD BROAD STREET, LONDON E.C.

Every Wednesday, price 4d.; in monthly parts, 1s. 6d.; yearly subscription (including postage), 17s. 6d.

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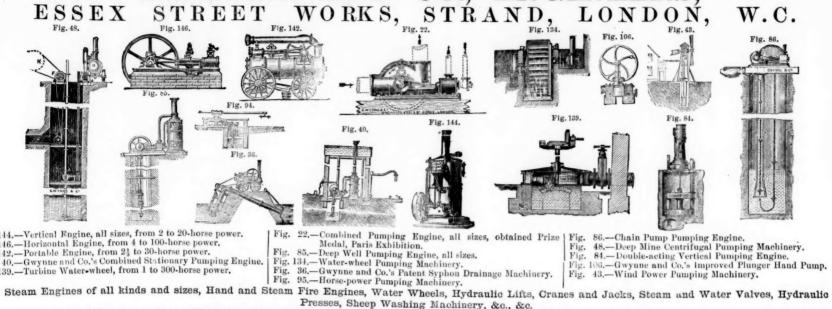


Fig. 144.—Vertical Engine, all sizes, from 2 to 20-horse power. Fig. 146.—Horizontal Engine, from 4 to 100-horse power. Fig. 142.—Portable Engine, from 2½ to 30-horse power. Fig. 40.—Gwynne and Co.'s Combined Stationary Pumping Engine. Fig. 40.—Turbine Water-wheel, from 1 to 300-horse power.

Presses, Sheep Washing Machinery, &c., &c.

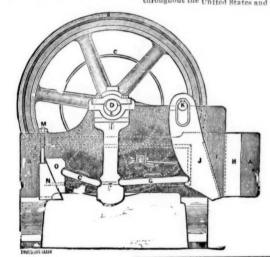
List of Centrifugal Pumps, two stamps. Illustrated Catalogues of Pumping Machinery, six stamps. Large Illustrated Catalogue, with many Estimates, &c., twelve stamps. All post free, GWYNNE and Co. have recently effected a considerable reduction in their prices, being determined to supply not only the best but the cheapest Pumping Machinery in the world.

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FOR REDUCING TO SMALL FRAGMENTS ROCKS, ORES, AND MINERALS OF EVERY KIND. It is rapidly making its way to all parts of the globe, being now in profitable use in California, Washoe, Lake Superior, Australia, Cuba, Chili, Brazil, and throughout the United States and England. Read extracts of testimonials:—



The Parys Mines Company, Parys Mines, near Bangor, June 6.—We have had one of your stone breakers in use during the last twelve months, and Captain Moreom reports most favourably as to its capabilities of crushing the materials to the required size, and its great economy in doing away with manual labour. For the Parys Mining Company, JAMES WILLIAMS. H. R. Marsden, Esq.

Ecton Emery Works, Manchester.—We have used Blake's patent stone breaker made by you, for the last 12 months, crushing emery, &c., and it has given-every satisfaction. Some time after starting the machine a piece of the moveable jay s about 20 lbs, weight, chilled cast-iron, broke off, and was crushed in the jaws of the machine to the size fixed for crushing the emery.

H. R. Marsden, Esq. — Thos. Goldsworthy & Sons.

Alkali Works, near Wednesbury.—I at first thought the outlay too much for so simple an article, but now think it money well spent. WILLIAM HUNT.

Welsh Gold Mining Company, Dolyelly,—The stone breaker does its work ad mirably, crushing the hardest stones and quartz.

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Our 15 by 7 in, machine has broken 4 tons of hard whinstone in 20 minutes or fine road metal, free from dust,

Messrs, OED and MADDISON,
Stone and Lime Merchants, Darlington. Kirkless Hall, near Wigan,—Each of my machines breaks from 100 to 120 ton-of limestone or ore per day (10 hours), at a saving of 4d, per ton. JOHN LANCASTER.

Ovoca, Ireland.—My crusher does its work most satisfactorily. It will break 10 tons of the hardest copper ore stone per hour. WM. G. ROBERTS.

General Frimont's Mines, California.—The 15 by 7 in. machine effects a saving of the labour of about 30 men, or \$75 per day. The high estimation in which we hold your invention is shown by the fact that Mr. Park has just ordered a third machine for this estate.

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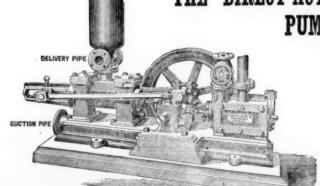
FLY WHEELS, DRIVING PULLEYS, AND DRUMS
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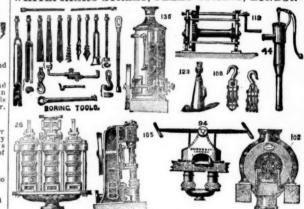
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THE MINING SHARE LIST.

-						_				-		
	BRITISH	D	IVI	DEND	MIN	E	S.					
Share	Mines.			ast Pr. B			-	divs.	Per	she	re. Last	paid.
	Alderley Edge, c, Cheshire	10	0 0								0. Jan.	
200	Botallack. t. e, St. Just	91 .	5 9	250 2	35 240		560	5 0,	. 6	0	0 Nov.	
	Bronfloyd, I, Cardigan*	1	0 0	31/2 3	1/2 83/4		1	1 7.	. 0	1	6 Oct.	1869
	Bwlch Consols, s-l, Cardigan	4	0 0	31/2	3 4		0				0June	
6400	Cashwell, l, Cumberland*		0				0				6. Aug.	1869
1990	Cargoll, s-l, Newlyn	0	7 8				16	15 0.	. 0	10	6Nov.	1869
2450	Chanticleer, I, Flint	19 1	9	18 1	3 131/6			1 0.	. 0		6Oct.	1868 1869
509	Cook's Kitchen, c, Illogant Creegbrawse and Penkevil, t				0 10/2		2	5 0.			0April	
867	Cwm Erfin, I, Cardiganshire*	7 10	0 0				31				0Oct.	1869
128	Cwmystwith, l, Cardiganshire	60					387	10 0.	. 2	0	0July	1869
	Derwent Mines, s-l, Durham	300 (177	0 0.	. 2	10	0July	1868
	Devon Gt. Consols, c, Tavistock	1 (6	OF	35 145 23 25	1	137	0 0.	. 0	10	0Sept.	1869
1439	Ding Dong, t, Gulval‡ Dolcoath, e, t, Camborne		6		25 130	:		2 6.	. 1	10	0Sept. 0Oct.	1869
12800	Drake Walls, t, Calstock		0	1			1	0 0.			O. Oct.	1869
6144	East Caradon, c, St. Cleert		6	61/2			14	11 6.	. 0		0July	
300	East Darren, I, Cardiganshire	82 (0				174	10 0.	. 2		0Sept.	
6400	East Pool, t, c, Pool, Illogan		9 9	714				12 9.			3Nov.	
1906	East Wheal Lovell, t, Wendron		9 0	191/2	22 23	••		16 0.			O. Oct.	1869
	Foxdale, I, Isle of Man*		96	31/2 3	36 3%		74	5 0.			0Oct. 0Nov.	1869
	Frank Mills, I, Christow		0 6	- 0/2	78 0/8		0	3 0.		3	0Jan.	1868
15000	Great Laxey, l, Isle of Man*		0 0	191/2 1	9 191/2		11			10	0 Sept.	1869
8000	Great Northern Manganese*	5	0 0				-		. 5	p.c	tFeb.	1869
5908	Great Wheal Vor, t, c, Helstont	40	0 0	1412			15	1 0.	. 0	10	0Sept.	
1024	Herodsfoot, I, near Liskeardt	8 16			42 43		51				O. Oct.	1869
12000	Holmbush and Kelly Bray, c*	10 5	0 0			1	0	2 0.	. 0	0	0 Sept. 0 Aug.	1869
400	Lisburne, l, Cardiganshire		8 1				525	0 0.	. 8	0	0July	1869
	Maes-y-Safn, l, Flint*	20 (0	29			4	0 0.	. 0	5	0Oct.	1868
9000	Marke Valley, c, Caradon		6	71/8 6			5	13 0.	. 0	4	0Oct.	1869
3000	Minera Boundary, I. Wrexham *	1 0	0				0	13 0.	. 0	3	0 Mar.	
1800	Minera Mining Co. l, Wrexham	25 (0	170	963/		263	3 3.	. 4	10	0Nov.	1869
40000	Mining Co. of Ireland, c, l, cl	7 0	0				0	11 6.	. 0	p,c	tJuly 0Feb.	1869
2000	Mwyndy Iron Ore* North Levant, t, c, St. Just	10 15				::	0 1	5 0.	. 0		0Aug.	
200	Parvs Mines, c. Anglesev*	50 (1	62	10 0.	. 2	10	0Aug.	
5000	Parys Mines, c, Anglesey* Penhalls, t, St. Agnes Prince of Wales, c, Calstock	3 (6	6 61/6		0	15 6.	. 0	5	0 Oct.	1869
12800	Prince of Wales, c, Calstock	0 19	6	134 1	1/8 13/8		0	10 6.	. 0	1	0Nov.	1869
1120	Providence, t, Uny Lelanti		7	381/2	33 35		94	2 6.	. 1	10	0Sept. 0Sept.	1969
6000	South Caradon, 6, St. Cleert	3 6		2			1	0 0.	. 0	2	6. Nov.	1869
987	South Darren, l, Cardigan* South Wh. Crofty, c, Illogan		10	- ::		••		10 0.	. 0	10	0Sept.	1869
496	So. Wh. Frances, c, Illog. 11	18 18	9	7	N. 77		74	18 6.	. 1	0	O Mar.	1868
242	Spearn Moor, t. St. Just	36 17	7 9	19	18 20		11	15 0.	. 1	0	O. Oct.	1869
940	St. Ives Consols, t, St. Ivest		5 0	12 1	1% 12		0 1	10 0.	. 0	10	0May	1869 1869
8771	St. Just Amalgamated, t*		0			••	0	2 6.	. 0	2 5	6Nov. 0Feb.	1868
508	Summer Hill, l, Mold	8 18	6	191/219	16 2016	• •	-	5 6.			O. Sept.	1869
2000	Trumpet Cons., 1, Helston	11 10	0	24		::	9	8 0.	. 0	14	0Aug	1869
12000	Van, l, Llanidloes*	4	5 0	3816	88 40			10 0.		5	0Sept.	1869
8000	W. Chiverton, I, Perranzabuloet	10 (0	58	56 58		37	7 6.	. 2		0Aug.	1869
6000	West Godolphin, t, c, Breage	0 1	0		% %		0	3 0.	. 0		0July	1869 1869
2582			0	40 :: :		••	0	2 0.	. 0	10	0June	1869
512			0	+ OF 3	75 100		143	0 0.	. 5	10	0Oct.	1869
400 512	W. Wheal Seton, c, Cambornet Wheal Basset, c, Illogant	5 5			OF 40	:: 6	32	10 0.	. ī	0	0June	1868
1024	Wheal Friendship, c, Tavistock.	20 0	0			1	100	0 0.	. 0	10	O. Nov.	1866
	Wheal Jane, s-l, Kea	10 18	0	46 4	5 471/6		27 1	0 0.	. 1	10	O. Nov.	1869
4295	Wheal Kitty, t, St. Agnes	5 4	6	514	5 5%	••	.4	8 0.	. 0	5	O. Nov.	1869
	Wheal Kitty, t, Uny Lelantt	3 10	6	*0	11 10	• •	11	7 6.	. 0	10	0Oct. 0Aug.	1869
896	Wheal Margaret, t, Uny Lelantt	13 17	6	100	21/ 17	• •	69	5 0.	. 0	15	0. Sept.	1869
	Wheal Mary Ann, l, Menheniott Wh. Mary Hutchins, Plymp., t	2 12	6	- :: 1			0 1	0 0.	. 0	- Đ	O Aug.	1869
	Wheai Owles, t, St. Just 2		0	- ::		4	29 1	3 0.	. 5	0	0Nov.	1869
896	Wheal Scton, t, c, Camborne	58 10		27 :		9	54	5 0.	. 2	0	O. Feb.	1909
9000	Whitewell Lond Clitherens		0				1	0 0	0	10	O. Dec.	1867

3000 Whitewell Lead, Clitheroe*... 0 5 0 .. — ... 17000 Wicklow, c, i, Wicklow 2 10 0 .. 91/2...

	FOREIGN	1	D	IV	ID	EN	D	MI	NE	s.						
	Alamilios, I, Spain*1	2		0 .		15%	13%	15/8		0				0Oct		
20000	Australian, c, South Australia 1	7		6 .										6 Au		
15000	Cape Copper Mining*t	7	0	0 .	. 1	8	161/2	171/2						0No		
30000	CentralAmerican Association*†	0	10	0 .										0Jul		
	Copiano Mining Co., Chilitt	16	10	0 .	. :	3	2	3		0	4 1	0	0 4	0 Apr	11 1869	9
	Don Pedro North del Rey * 1	0	14	0 .		11/4		11/4		1	6	9	0 3	6Aus	. 1869	9
	English and Australian, ct			0 .						- ,	-		0 0	9. Feb	. 1869	9
	Fortuna, I. Spain*t	9		0 .		3	21/	6 3		1	17 1	10.	0 8	0Oct	. 1869	9
	Gen.MiningAssoc., NovaScotiat	20		0 .			-/							0Ju		7
	Gonnesa, I, Sardinia*	5		0 .		. ::								Aug		
	Kapunda Mining Co., Austratt	1		0 .		14		14						6. Nov		8
	Linares, t, Spain*†	9	ő	0 .		12	8 2	12	::					O. Oct.		
	Panulcillo, c, Chili*†	4		0 .			11/4							Yo		
	Pontgibaud, s-l, Francet	20		0 .		11/	121/2	1914	••					7. Dec.		
		20			. 10	72.	112	13/2	• •					GJan		
	Port Phillip, g, Clunes*†			0			13/8	178						Nov		
	Scottish Australian Min. Co.t.			0				1.7						0Dec		
	St. John del Rey, Brazil*†	15		0 .			161/2	17								
4000	Swedish Sulphur Ore*			0 .				ma/						Dec		
	Vancouver Coal Mining*†*						71/4	736						0Nov	. 1863	2 1
	Victoria (London) [25000 £1 pd.,					. pd.	1							7. Jul		1 1
0000	West Canada Mining Co	1	0	0 .						0	19 €		0 2	6 May	1866)

NON-DIVIDEND FOREIGN MINES.

hares.	Mines.	Paid.	Last	Pr. Bus. don	8. Last	Dan.
	Anglo-Argentine, g, s, Argentine Republic*	1 0 0		74 1/2 3/4		
00000	Anglo-Brazilian, g*t	0 11 0		16 1/8 1/8	Nov.	1866
12500	Anglo-Italian, g*t	0 15 0			Jan.	
20000	Australian United, g	2 2 6		33% 3 31/4	Aug.	
2464	Burra Burra, c, South Australia !	5 0 0				
	Capula, s, Mexico*†			% 1%	Jan.	1869
30000	Chontales, g, s, Nicaragua*t	5 0 0		78 34 78	Mar.	1868
12000	Cobre Copper Company, c, Cubaft	45 10 0			Jan.	1868
	El Chico Silver Mining and Reduction Company*	5 0 0			Nov.	
	Fortune Copper Mining Co. of Western Australia	2 0 0			Fully	pd.
50000	Frontino and Bolivia, g, New Granada*†	1 17 0		114 1 11/4	May	1868
50000	General Brazilian*	0 14 0		1 % 1	Feb.	1869
00000	Imperial Ottoman, s-l, Turkey*	1 0 0			Fully	pd.
50000	Javali, g, Nicaragua	2 0 0			Jan.	1869
7927	Lusitanian (Portugal) † 1	2 15 0		14 16 14	Dec.	1866
83640	Mariquita, g, s, New Granada	1 0 0			Feb.	1868
12500	Nerbudda Coal and Iron, India*†	6 10 0			Dec.	1867
\$1000	New Quebrada, c, Venezuela*†	4 4 0				
80000	Pestarena United, g, Italy*†	2 17 6		13% 1 11/4		
10178	Rhenish Consolidated, [6000£5 pd.,4178£2 10s. pd.]	_			May	
00000	Rossa Grande, q. Brazil*†	0 14 0		11/4 1 11/4	June	
15000	San Pedro del Monte, s, Mexico*	1 0 0			Sept.	
10000	San Roque, I, Spain	5 0 0			Fully	
00000	Sao Vicente, Brazil*†	0 6 0		38 14 38		1868
00000	Taquaril, g, Brazil*	0 10 0		34 3/8 3/4		1869
43174	United Mexican, s, Mexicotts	28 5 2		4143% 4%	May	1868
30000	Val Autigoria, g, Italy*	1 12 6			**	
6000	Val Sassam, s, c, l, Italy*+	8 0 0			Aug.	
45000	Victor Emanuel, c, Italy	1 0 0			Fully	
80000	Worthing, c, South Australia **	1 0 0		5/8 3/8 5/8	Fully	
75000	Yorke Peninsula, South Australia	1 0 0		14 18 14	Fully	
45000	Yudanamutana.c. South Australia ***	2 0 0		1%1% 1%	Fully	pu.

NON-DIVIDEND MINES.

Share	Mines.	Paid	. Le	ist Pr	. Bus. don			
4000	Prochwood e Buckfastleigh	1 16	0	_		Sept.	1869	
10000	Brynpostig, Montgomery, 1	1 0	0	-	1% 2			
12000	Carn Brea, e, t, Illogan;	30 0	0	14		June	1868	
1000	Chiverton, l, Perranzabuloe	11 0	0	314	234 3	Nov.	1868	ı
8000	Chiverton Moor, l, Perranzabuloe		0		31/4 4	Feb.	1869	П
3000	Clifford Amalgamated, c, Gwennap;		0	-		Oct.	1868	
1370	East Basset, c, Redrutht	38 0	0	11/6	1/8 3/8	July	1869	
812	East Carn Brea, c, Redruth:	5 3	6	3%	1/4 3/8	July	1869	
8000	East Grenville, c, Camborne	4 9	0	314	234 314	Nov.	1869	
6000	Gonamena, c, St. Cleer	7 18		-		June	1869	
6144	Great North Downs, c, Redruth	6 13	0	-		Feb.	1867	
10000	Great North Laxey (Isle of Man)*		0		% 1			
12500	Great South Tolgus, c, Redruth	1 18			·· % 1	June	1869	
0140	Great Wheal Fortune, t, Breage	31 7		-		Mar.	1868	
1798	Hingston Down, c, Calstockt		0	134	114 11/2	Dec.	1868	
	New Wheal Seton, c, Camborne	67 10				April	1869	
	North Downs, c, Redruth	5 12		36		Mar.	1869	
	North Roskear, c, Camborne	62 19		616	68	Aug.	1869	
	North Treskerby, c, St. Agnes	1 16		3/4	% %	Aug.	1869	
5930	Ohio Crown Lead, Isle of Man	0 12						
12000	Rose and Chiverton United, I, Newlyn		0			May	1869	
1024	Rosewall Hill & Ransom, tt		0	5/4	3/8 5/8		-	
2568	South Condurrow, t, c, Camborne		6			Oct.	1869	
6123	South Merllyn, l, Flint*		0					
	Stray Park, c, t, Cambornett		8	7	7 734	Oct.	1869	
	Van Consols, Llanidloes, l*	2 10		134	11/4 11/2			
12000	Victoria (South Devon), c, Ashburton*	0 10		-		May		
	West Basset, c, Illogant	2 13		-		May	1868	
	West Caradon, c, St. Cleer	2 12		116	7/8 11/8	Nov.	1869	
	Wheal Agar, c, Illogan		6	114	1% 1%	Oct.	1869	
	Wheal Buller, c, Redruth†1		0	6	68	May	1869	
E794	Wheal Grenville, c, Cambornet	10 10		21/8	134 178	Dec.	1869	
1040	Wheal Trelawny, s-l, Liskeard†	11 17		5	45	Sept.	1868	
1006	Wheal Uny, t, c, Redruth	10 14		4	31/4 31/4	Oct.	1868	
7000					- a allmon			

	NON-DIVIDEND MINES,	
Share	Aberdaunant, l* 5 0 0	Bus. done.
4000		
4000	BedfordConsols,c,Tavistock 3 1 6— Bedford United, c, Tavist.* 3 6 8 15/8	1 1/2 15/8
5000	Blue Hills, t, c, St. Agnes 0 15 0	/2 -/8
1248 5000	Boscaswell, t , c , St. Just 7 6 0 — Bottle Hill, t , Plympton 1 14 6 —	••
1200	Bryn Gwyn, 1, Mold* : 9 0 0	••
7500 1000	Brynystwith, l*	••
6000	Bwadrain Cons., s.l, Cardig. 3 50	
30000 11000	Caldbeck Fells, I, Cumberld. * 1 17 6 136. Cape Cornwall, t, c* [8000 £210s. pd., 3000 25s	.1% 1%
5000	Capel Banhaglog, l, Mont.*. 2 10 0	
6000	Cape Cornwall, t, c* [8000 £2108. pd., 3000 258 Capel Banhaglog, t, Mont.*. 2 10 0 — Caradon Consols, c, St. Cleer 33 6 0 — Carn Camborne, c. Cambra. 2 15 6 — Chiverton Valley, t, Perranz. 2 5 0 2½.	•
8000	Chiverton Valley, l, Perranz. 2 5 0 21/2.	. 2 214
2048 256		
50000	Connorree, c. Matt. Wicklows, 1 00. 34.	. 1/4
983 1000	Copper Hill, c, Redruth: 12 10 0 — Cornwall Hematite* 10 0 0 — .	
1055	Craddock Moor, c, St. Cleert 15 8 0 — . Cuddra, t, St. Austell 5 17 6 — .	•
300	Cwm Darren, Cardigan*	:
1000	Deep Level, s-l, Holywell 30 0 0 — Devon & Cornwall United 5 19 6 —	•
5000		11/4
1000		
2616 4000	East Chiverton, t, Perranz, 3 11 V., 1/2.	.1% 1%
4000 6000	E. Gunnislake & S. Bed. c 11 14 0 2 . East Laxey, l, Isle of Man 3 0 0— .	. 1% 2
4096	E. New Wh. Lovell, t , Wend. 0 10 6 — .	. % %
3640 5000	East Providence, t , Lelant 7 33 — E. Rosewarne, c , t , Gwinear 3 40 — .	
6000	East Snaefell, I, I. of Man* 3 0 0	
5610 2000	East Seton, c, Camborne 1 2 6 2 . East Trumpet, c, t, Helston 2 0 0 $-$.	
6000	East Wheal Reeth 1 8 8 11/4.	/2 -
6000 12800	E. Gunnislako & S. Bed. c 11 14 0 2 East Laxey, t. Isle of Man. 3 0 0 E. New Wh. Lovell, t, Wend. 0 10 6 East Providence, t, Lelant. 7 3 3 E. Rosewarne, c, t, Gwinear 3 4 0 East Snaefell, t, I. of Man*. 3 0 0 East Snaefell, t, I. of Man*. 3 0 0 East Stane, c, Camborne. 1 2 6 2 East Trumpet, c, t, Helston. 2 0 0 East What Reeth. 1 8 8 1½4. Ebury Lead Min. Co., Flint* 2 10 0 Excelsior, t, c, Stoke Climsid. 0 2 6 Execution, s-t, Ohristow 0 6 6 156. Gen. Min. Co. for Ireland, c 5 10 0 Glew Consolidated	:
5000	Exmouth, s-l, Christow 0 6 6 1%.	. 11/2
6000 48	Gen. Min. Co. for Ireland, c 5 10 0 — . Giew Consolidated250 0 0 — .	• 1s.
40000	Glasgow Caradon, c* [30,000 £1 p., 10,000 15s.]	p.]
5700 4096	Goginan, Cardigan, 1 12 10 0— Great Caradon, c, St. Ive 4 11 0 58.	1/2 3/4
4800	Gt. Retallack, 8-1, b, Perran. 2 19 6	
3000 4096	Great Rock, t, North Wales* 4 0 0 81/2. Great Royalton, t 0 8 6 —	
6000	Great Western, t, c, Breage. 2 00 — .	•
6000 3313	Gt. Wh. Baddern, t. Devoran 7 17 6	
119 10240	Great Work, t, Germoe 100 0 0 — Gunnislake (Clitters'), t, c 4 19 0 —	
5000	Gwern Eva, I, Llantrissant. 0 8 0	
6000 6000	Gwydyr Park, l, Llanrwst 1 13 6 — Hammett, t, St. Neots 1 0 0 —	
5000	Ironmasters' Company* 10 0 0	
$\frac{10000}{2000}$	Killaloe, s, Tipperary 1 0 0 1 Leeds and St. Aubyn, t, c 10 0 0 —	
30000	Lisburne Cons. s-l, Cardigan* 1 0 0 4 .	
$7500 \\ 120$	Lisburne Cons. s.t., Cardigan* 1 0 0 4 Liywernog, t., Cardiganshire 1 15 0 2½. Lovell Consols, Wendron, t. 0 6 0 — Maudlin, c., Lostwithlei 4 7 0 — Mid-Waies, t., Liandidoes* 2 10 0 — Minera Union, t [2500 £4 p., 2162 £2 78.66. p. Mineral Bottom, s.t. 5 10 0 — Mold, s.t., Flintshire* 5 0 0 — Mold, s.t., t.c. Kea 26 12 0 11	:
6000 6000	Maudlin, c, Lostwithiel 4 7 0	•
4662	Minera Union, l [2500 £4 p., 2162 £2 7s. 6d. p.	j
3000 6000	Mineral Bottom, s-1 5 10 0 —	
1024	Nanglies, t , c , Kea 36 12 0 11 Nanteos Consols, l^* 1 0 0 l^1_A	9 11
$12000 \\ 12000$	Nauteos Consols, l*	11/4 11/6
6000	New Brynpostig, l, Llanid 1 10 0	
1500 6000	New Chiverton, l, Perranz 1 46 — New Clifford, c., Gwennap*. 3 50 —	:
6250	N. Crow Hill, I, St. Stephen. 3 12 6	
6514 20000	New E. Russell, c, Taylstock 0 12 6 — New Gt. Cons., c, Taylstock* 1 0 0 —	
6400	New Pembroke, St. Blaz. t, c 2 2 0	
30 3425	New Treleigh 60 0 0 — New Treleigh 6 10 0 —	:
		36 14
4096	N.Wh. Charlotte, t , c , St . Agnes 0 50 $\frac{1}{2}$. New Wh. Loveil, t , Wendron 2 96 $1\frac{5}{8}$	1% 1%
4000 2000	N. Wh. Prosper, t, St. Hilary 0 2 6 — N. Wh. Towan, c, t, Wendron 1 10 0 —	•
5000	No. Dolcoath, c, Camborne. 4 3 0	
6000	No. Grambler, c, Redruth . 9 3 9 — North Jane, t, s-l, Kenwyn . 3 9 0 —	
1000	North Lovell, t, Wendron 5 0 0 51/2	. 56
1000	North Pool, c, Illogan 7 3 6 1% North Retallack 2 0 0	1 178
3000	N. Wh. Chiverton, l. Perran. 5 0 0 — N. Wh. Crofty, c. Illogant. 3 11 3 2	12/ 0
2288	N. Wh. Crofty, c, Illogant 3 11 3 2 Okel Tor, c, Calstock 2 7 4 58	1/4 5/8
8000	Old Gunnislake. c, Calstock. 3 9 6 — Par Consols, c, St. Blazey†‡. 2 14 6 —	•
5754	Par Consols, c, St. Blazey; L. 2 14 6 — Pedn-an-drea, t, Redruth 8 2 0 —	
256	Pendarves United 86 0 0 — Pendeen Consols, c, St. Just 7 17 0 —	
4000	Penhale United, s-l* 5 0 0	
1977	Penhale Wh.Vor. t , c , Breage 8 2 6 Perran Consols, t	2 21/4
16	Perran Wheal Vyvyan 40 0 0	-/4
1772	Polberro, t, St. Agnes 15 0 0	27/ 3

IRON AND COAL COMPANIES.

100 Bolckow, Vaughan, and Co.* 30 0 0... 44 44½
100 Brown, John, and Co.*. 70 0 0... 35 37
100 Charles Cammell and Co.* 80 0 0... 41 43
10 Consett Iron Company* 7 10 0... 8%
12 Ebbw Valo Iron Co.* 27 10 0... 8%
11½ Mersey Steel and Iron Co.* 11 10 0 ... 35 3½
100 Parkgate Iron Company* 5 0 0... 31 33
100 Parkgate Iron Company* 65 0 0... 31 33
101 Parkgate Iron Company* 65 0 0... 31 38
102 Rhymney Iron Company* 50 0 0... 26 28
103 Staveley Coal and Iron Co.* 60 0 0 0... 88 90

b, blende; el, coal; el, copper; g, gold; l, lead; s, silver; sl, slate; s t, silver-lead; t, tin; s, zinc. *.* Companies marked thus * have been incorporated with Limited Liability; those marked † have been admitted on the Stock Exchange, those marked thus ‡ have paid Dividends.

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